BUILDERS HARDWARE

CATALOGUE No. 145

HAMMACHER SCHLEMMER & CO.

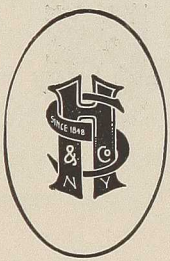
NEW YORK SINCE 1848

E. R. Sedelmyer.

CATALOGUE No. 145

OF

BUILDERS' HARDWARE



HAMMACHER, SCHLEMMER & CO.

209 BOWERY, NEW YORK, SINCE 1848

CABINET, REFRIGERATOR AND PIANO HARDWARE, FACTORY SUPPLIES, TOOLS FOR ALL TRADES

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NOTICE.

ORDERS will be executed as promptly as possible and at lowest current rates consistent with quality. Our terms are net cash, 30 days, except where parties are unknown to us or have no commercial rating, in which case we ship C. O. D., and when so sent collection charges are added to the invoice, an expense which customers may save by remitting with order. Four pounds or less can be sent by mail for 1c. per ounce (always at consignee's risk), where express service is not obtainable or not desirable, but postage must be paid by consignee. Express companies will not accept C. O. D. packages where amount to be collected is less than $1.00.

The Clearing House Association of New York City, which includes all banks, has adopted a rule compelling banks to charge exchange on out-of-town checks, and for this reason we are obliged to require our customers to remit in funds payable in New York upon which we can realize without expense.

HAMMACHER, SCHLEMMER & CO.
NEW YORK, N. Y.

BEFORE YOU ORDER

study carefully all details enumerated in the catalogue, particularly as to complete numbers and finish, also design, if special.

Any point omitted necessitates correspondence and loss of time.

We also ask our friends

NOT TO MUTILATE THIS CATALOGUE

by tearing out pages. A reference to page number and number and description of goods will always enable us to trace any item without difficulty.

HAMMACHER, SCHLEMMER & CO.

209 Bowery, New York, since 1848

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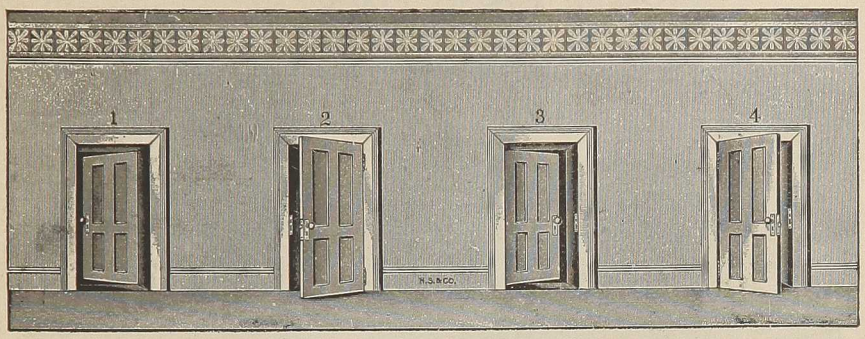


View from Outside.

HAND OF DOORS.

The cut and descriptions on this page conform as nearly as possible to the general usage of the trade, and apply to all the Locks in this Catalogue.

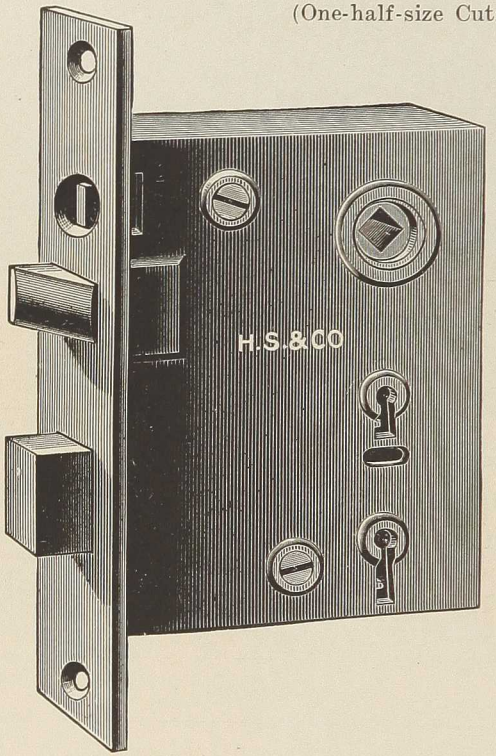
In ordering Locks (except those that are reversible), it is

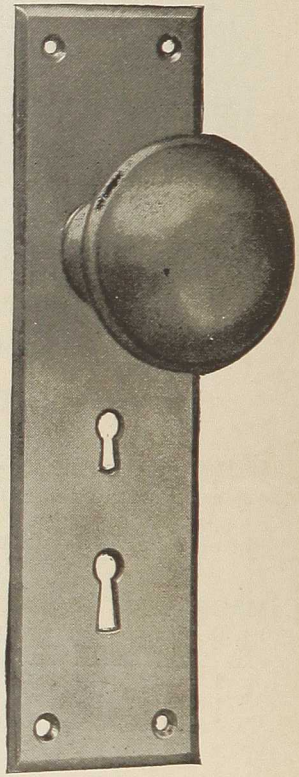
IMPORTANT THAT THE HAND OF DOOR BE GIVEN.

CUT	KIND OF DOOR	KIND OF LOCKS
1	Right Hand.	Right Hand Locks.
2	Right Hand Reverse Bevel.	Right Hand Reverse Bevel Rim Locks. " " " " " Night Latches. " " " " Mortise Night Latches. Left " Mortise Knob Locks.
3	Left Hand.	Left Hand Locks.
4	Left Hand Reverse Bevel.	Left Hand Reverse Bevel Rim Locks. " " " " " Night Latches. " " " " Mortise Night Latches. Right " Mortise Knob Locks.

FRONT DOOR LOCK SETS.

(One-half-size Cuts.)





No. 1583. Knob.
No. 2589. Escutcheon.

No. 1230. Lock.

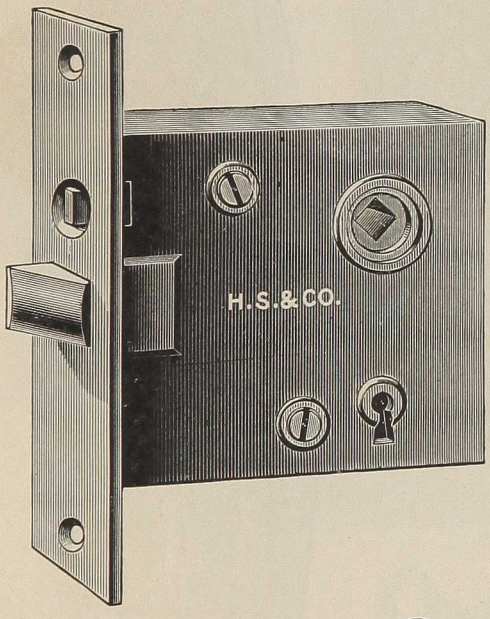
No. 2596½. Escutcheon.

Set No. F100.

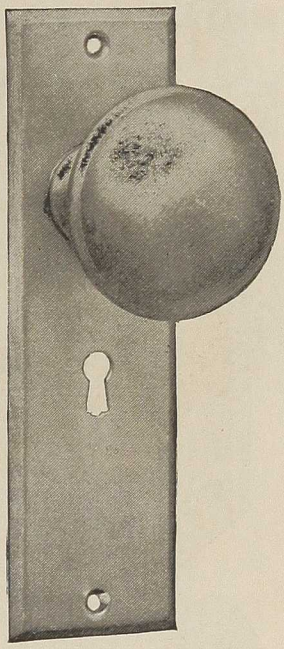
For description see page 36.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)



No. 1220. Lock.



No. 1583. Knob.
No. 2589½. Escutcheon.

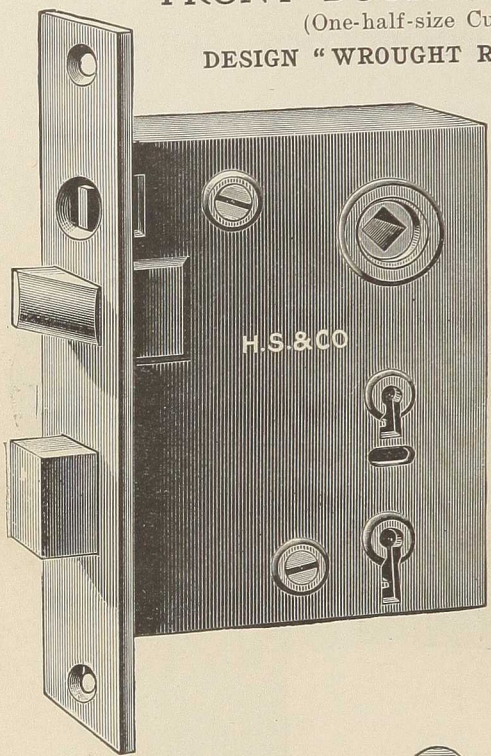
Set No. V150.

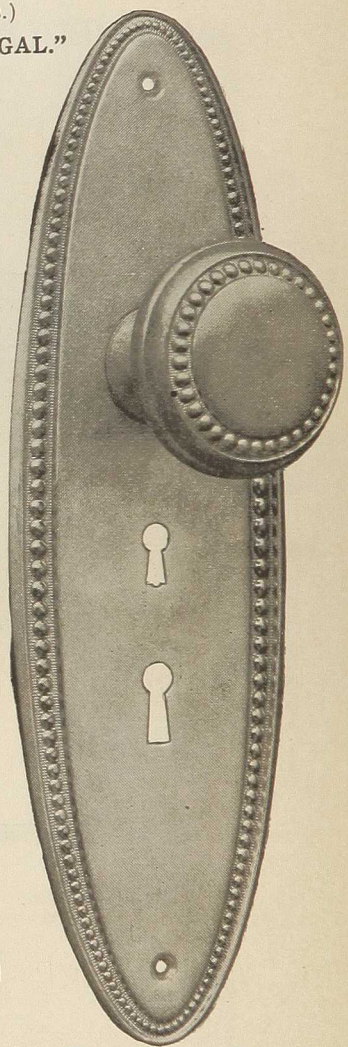
For description see page 36.

FRONT DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "WROUGHT REGAL."





No. 5498½. Escutcheon.

No. 1230¼. Lock.

Set No. F200.

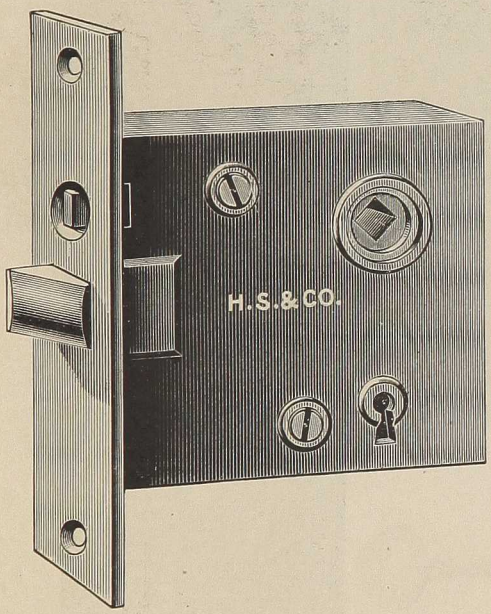
No. 5491. Knob.
No. 5492. Escutcheon.

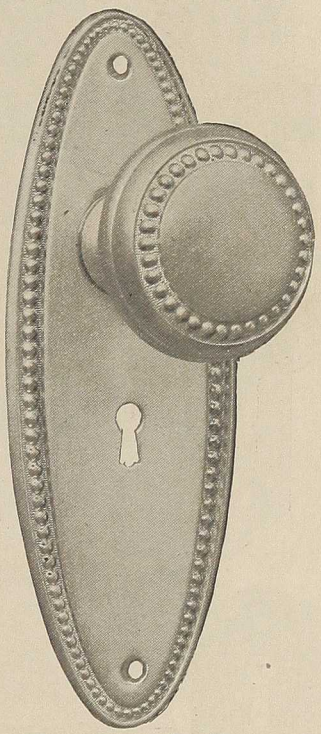
For description see page 37.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "WROUGHT REGAL."





No. 1220¼. Lock.

No. 5491. Knob.
No. 5492¼. Escutcheon.

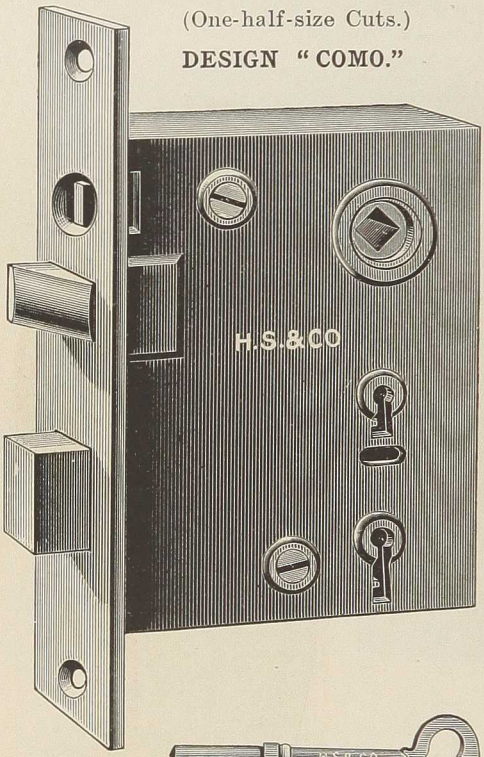
Set No. V250.

For description see page 37.

FRONT DOOR LOCK SETS.

(One-half-size Cuts.)

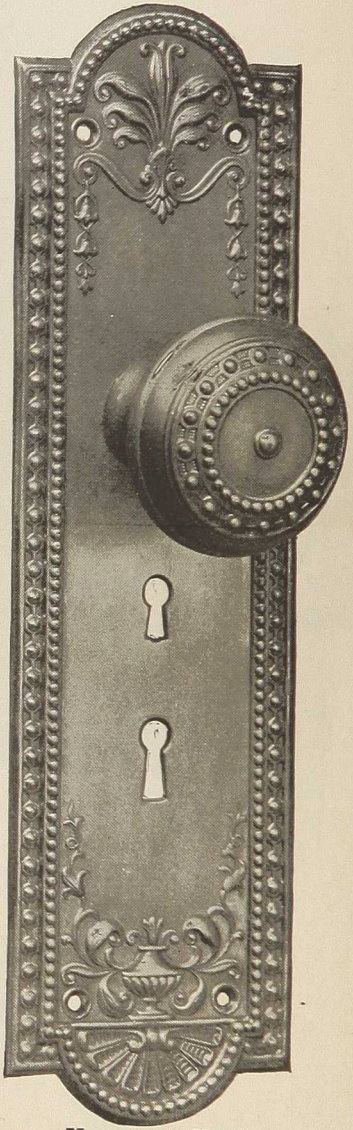
DESIGN "COMO."



No. 5338½. Escutcheon.

No. 1230¼. Lock.

Set No. F300.



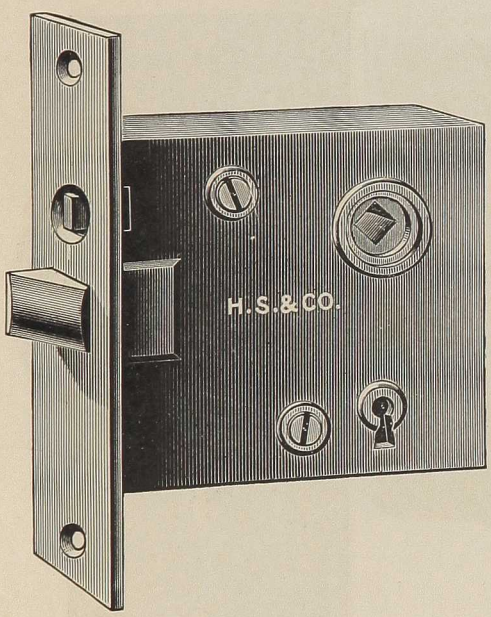
No. 5331. Knob.
No. 5332. Escutcheon.

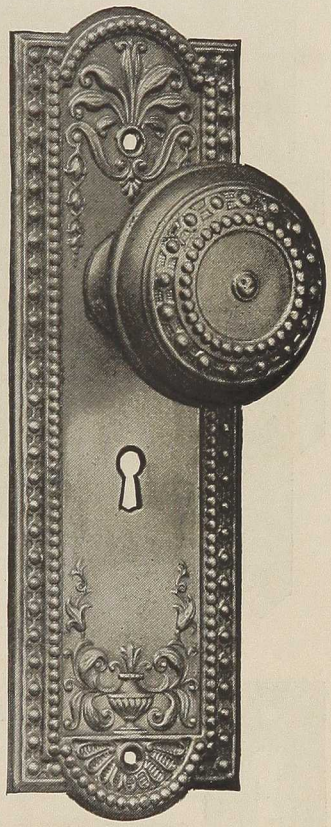
For description see page 38.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "COMO."





No. 1220¼. Lock.

No. 5331. Knob.
No. 5332¼. Escutcheon.

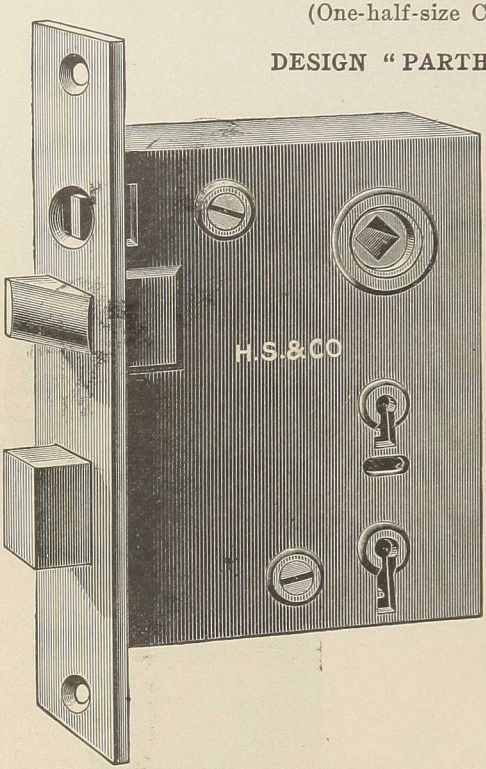
Set No. V350.

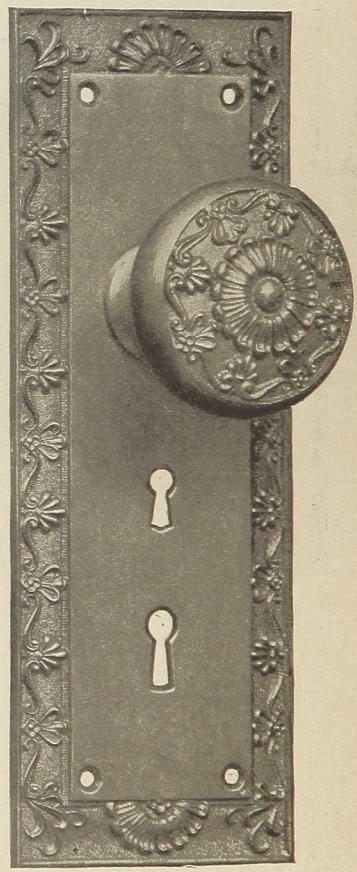
For description see page 38.

FRONT DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "PARTHENON."





No. 5408½. Escutcheon.

No. 1230¼. Lock.

Set No. F400.

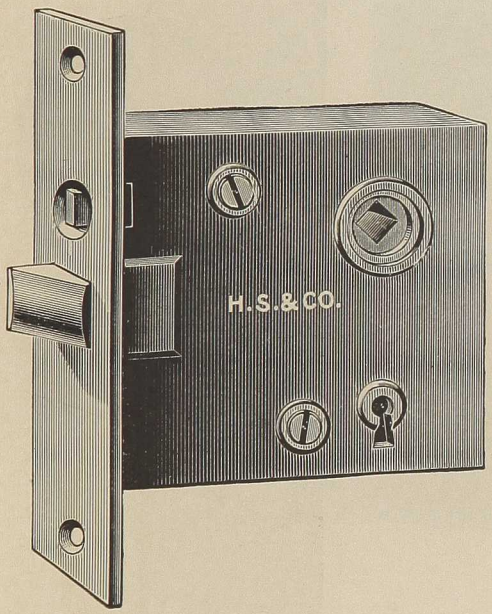
No. 5401. Knob.
No. 5402½. Escutcheon.

For description see page 39.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "PARTHENON."



No. 1220¼. Lock.

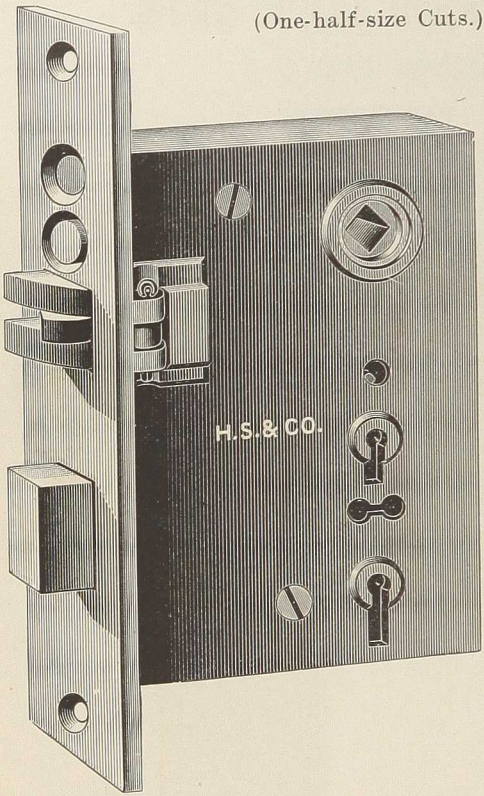
No. 5401. Knob.
No. 5402¼. Escutcheon.

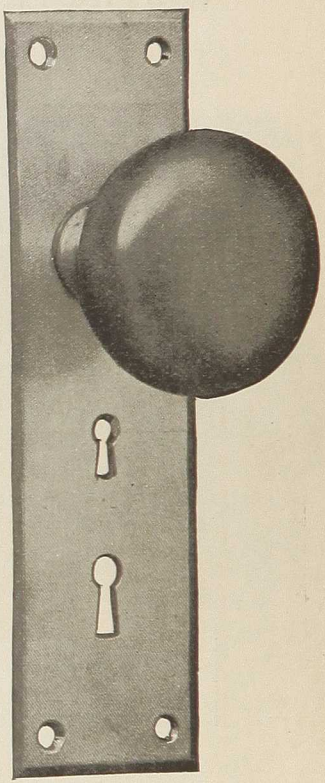
Set No. V450.

For description see page 39.

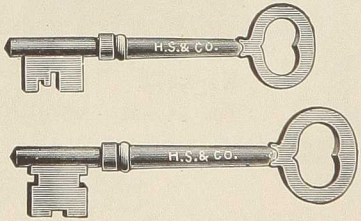
FRONT DOOR LOCK SETS.

(One-half-size Cuts.)





No. 1518½. Knob.
No. 2589. Escutcheon.



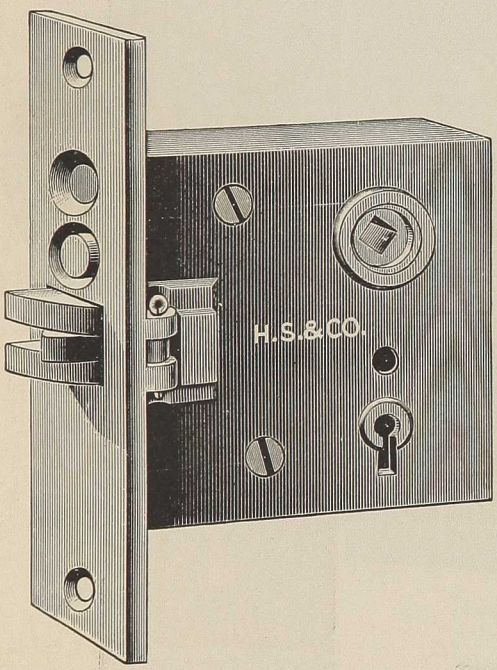
No. 1230½. Lock.
Set. No. F500.

No. 2596½. Escutcheon.

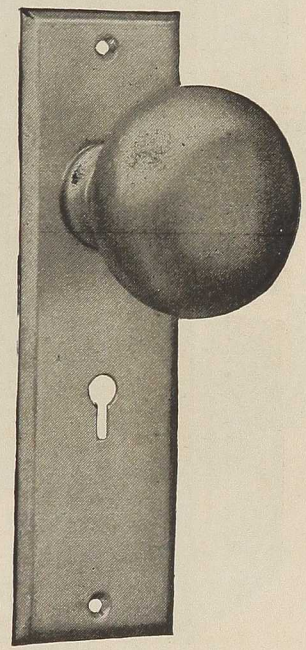
For description see page 40.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)



No. 1220½. Lock.



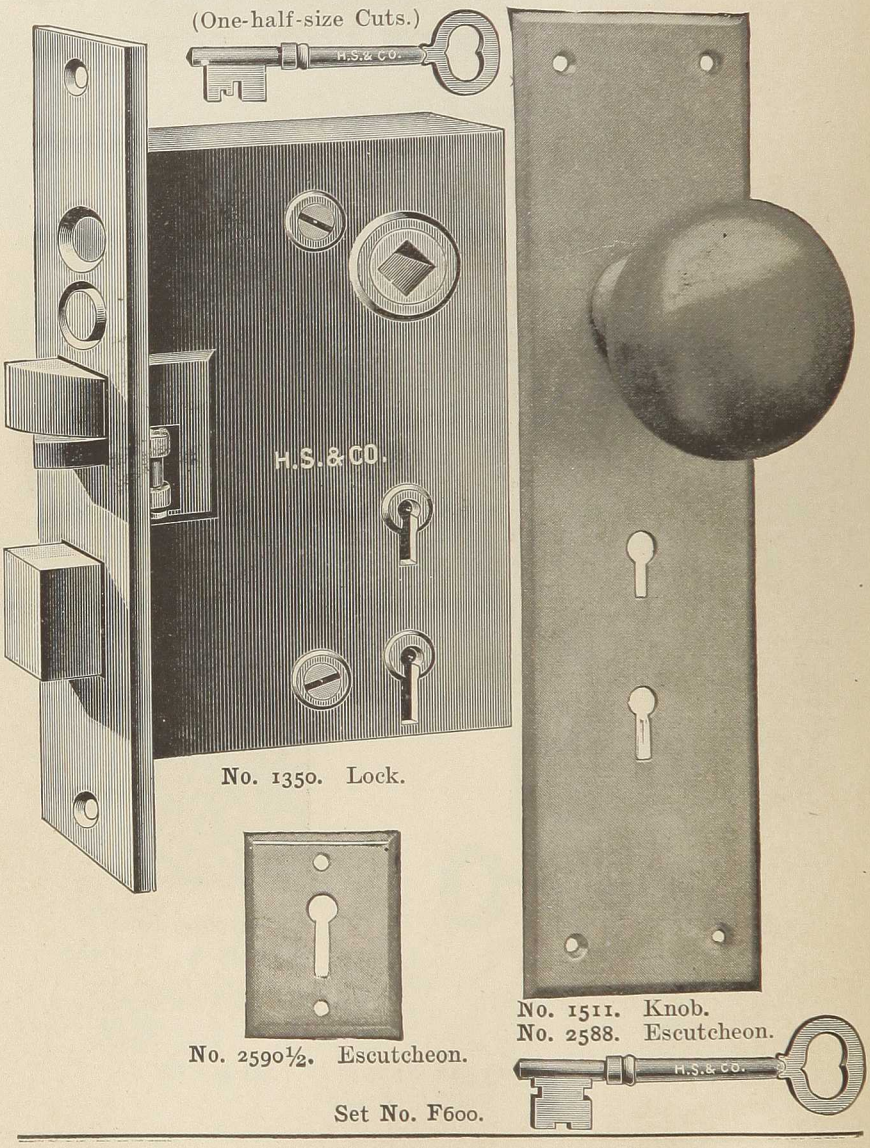
No. 1519½. Knob.
No. 2589½. Escutcheon.

Set No. V550.

For description see page 40.

FRONT DOOR LOCK SETS.

(One-half-size Cuts.)



No. 1350. Lock.

No. 1511. Knob.
No. 2588. Escutcheon.

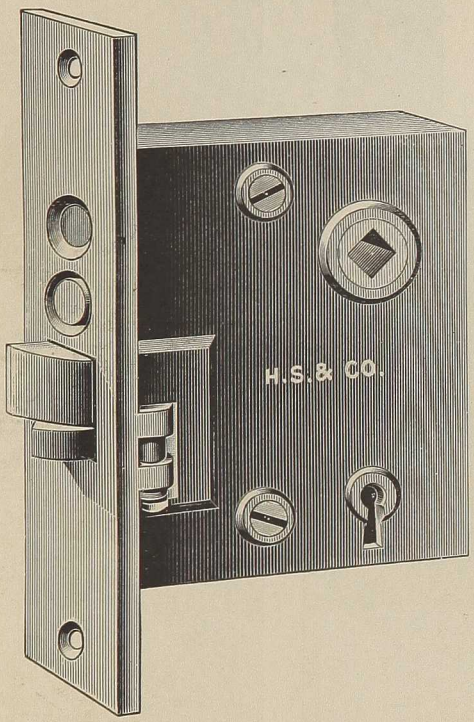
No. 2590½. Escutcheon.

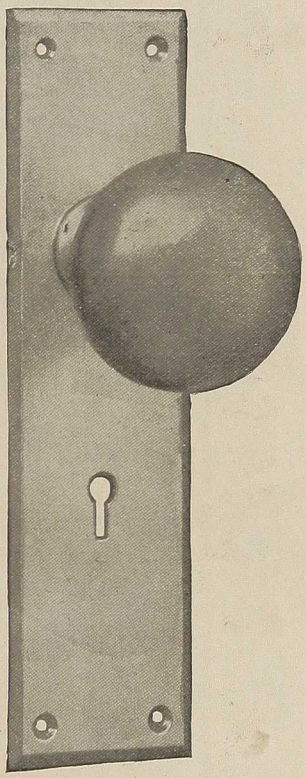
Set No. F600.

For description see page 41.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)





No. 1340. Lock.

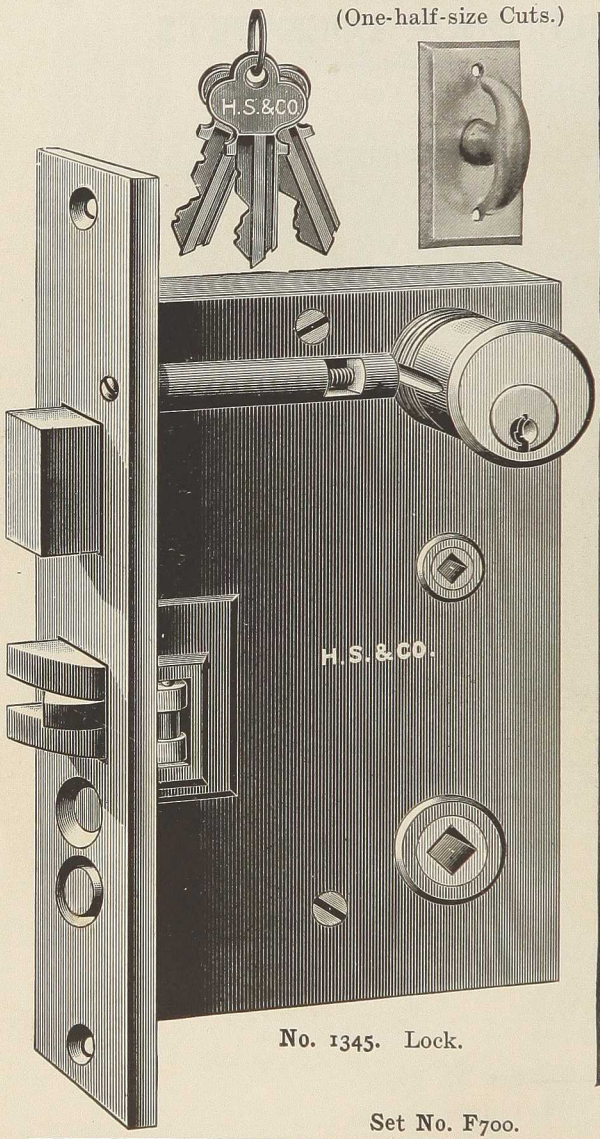
No. 1512. Knob.
No. 2589. Escutcheon.

Set No. V650.

For description see page 41.

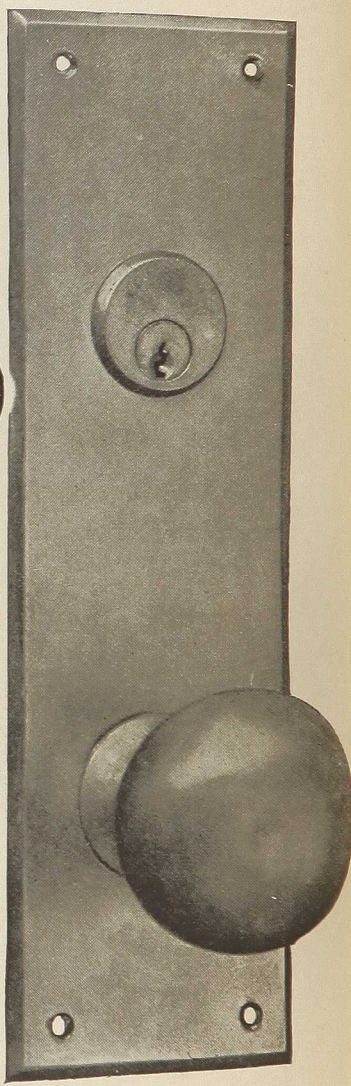
FRONT DOOR LOCK SETS.

(One-half-size Cuts.)



No. 1345. Lock.

Set No. F700.

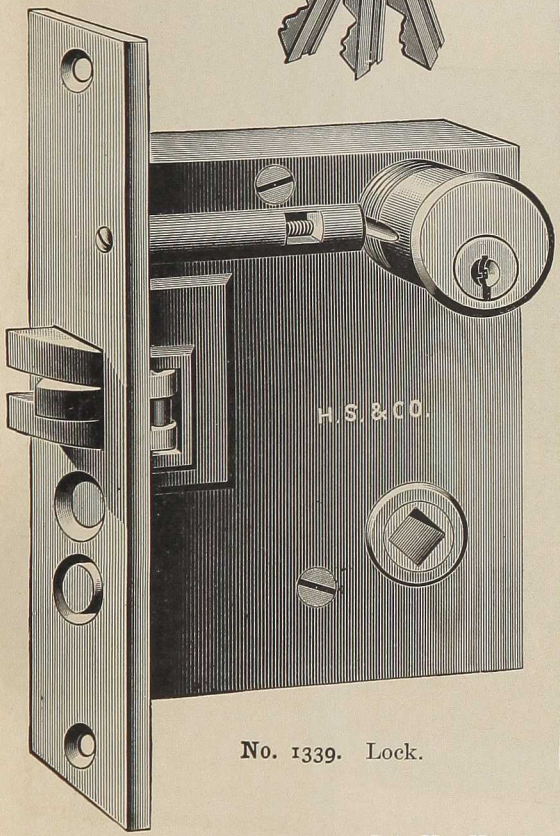


No. 1511. Knob.
No. 2582¼. Escutcheon.

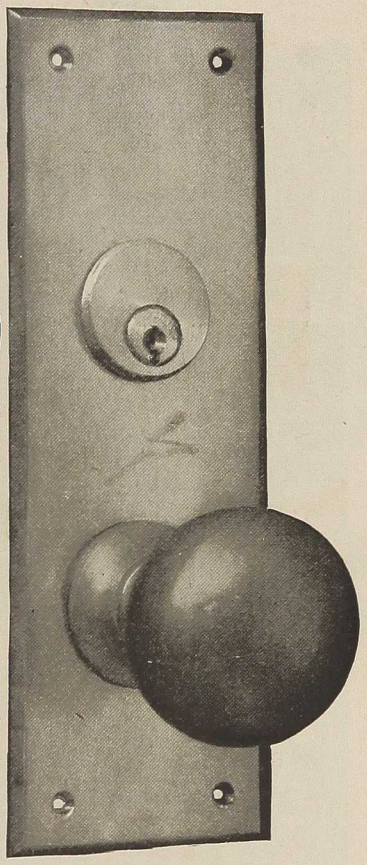
For description see page 42.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)



No. 1339. Lock.



No. 1512. Knob.
No. 2582½. Escutcheon.

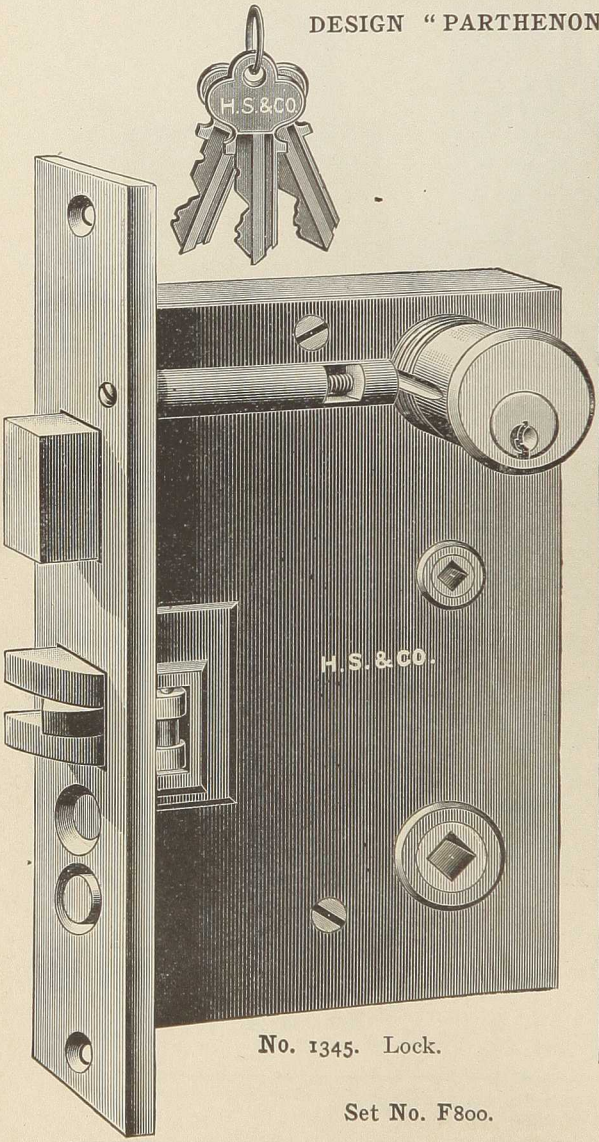
Set No. V750.

For description see page 42.

FRONT DOOR LOCK SETS.

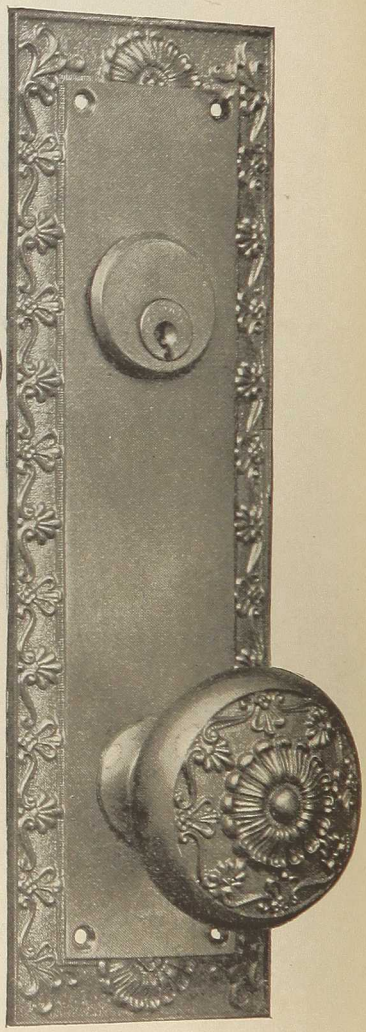
(One-half-size Cuts.)

DESIGN "PARTHENON."



No. 1345. Lock.

Set No. F800.



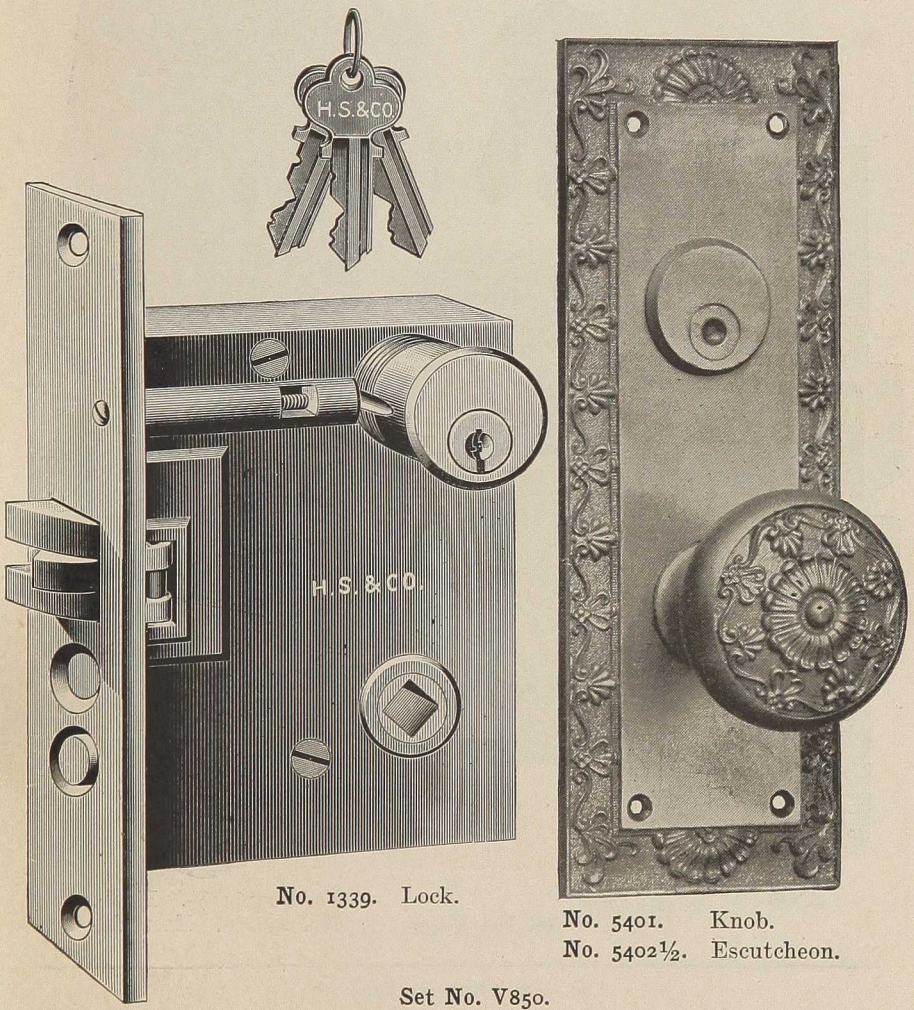
No. 5400. Knob.
No. 5402. Escutcheon.

For description see page 43.

VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "PARTHENON."



No. 1339. Lock.

No. 5401. Knob.
No. 5402½. Escutcheon.

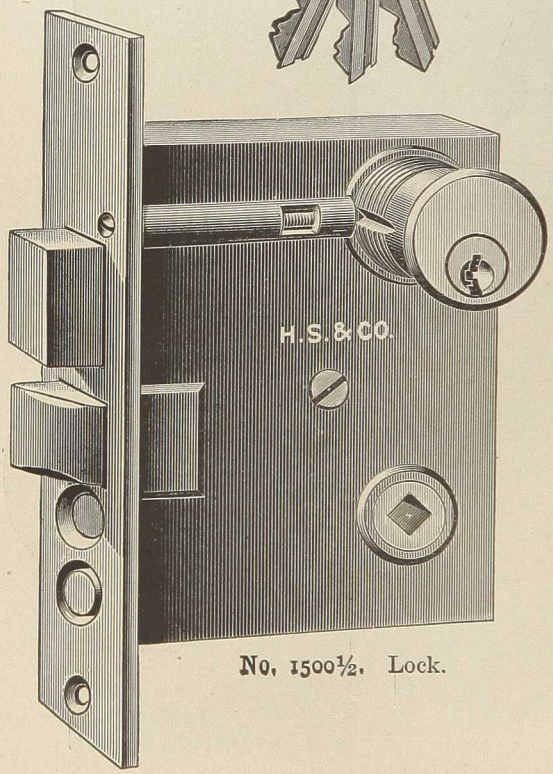
Set No. V850.

For description see page 43.

FRONT DOOR LOCK SETS.

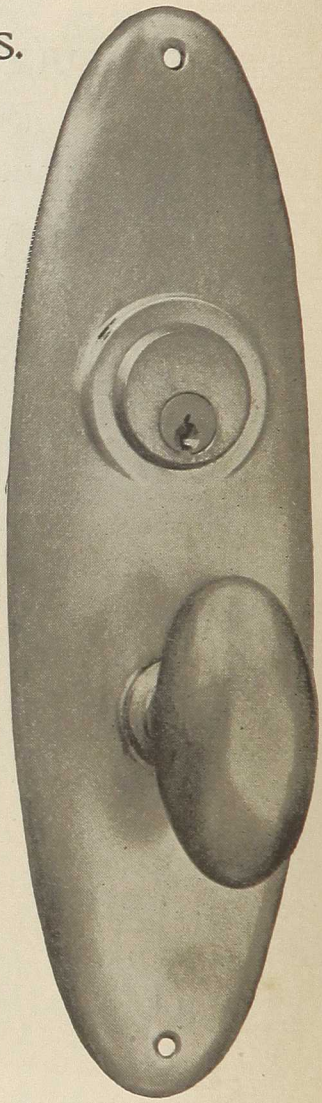
(One-half-size Cuts.)

DESIGN "PUTNAM."



No. 1500½. Lock.

Set No. F900.



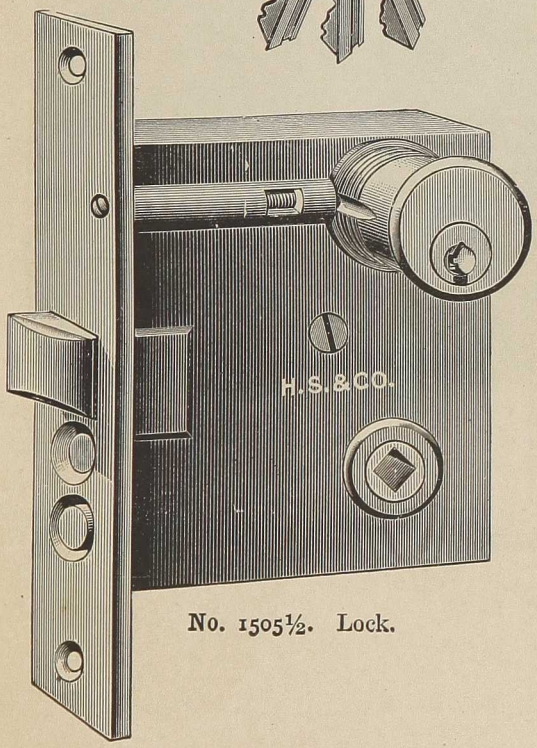
No. P003644½. Knob.
No. 1382¼. Escutcheon.

For description see page 43.

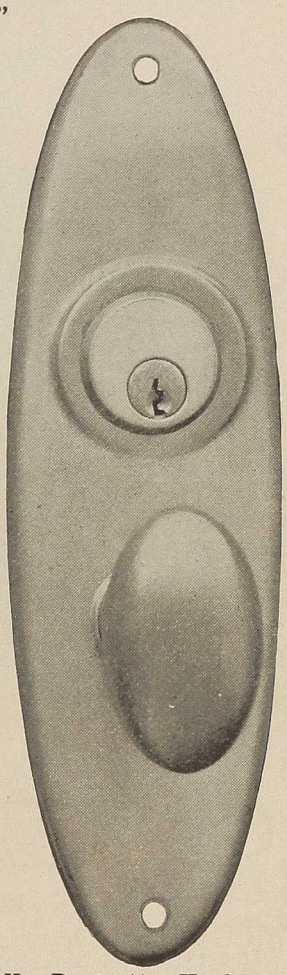
VESTIBULE DOOR LOCK SETS.

(One-half-size Cuts.)

DESIGN "PUTNAM."



No. 1505½. Lock.



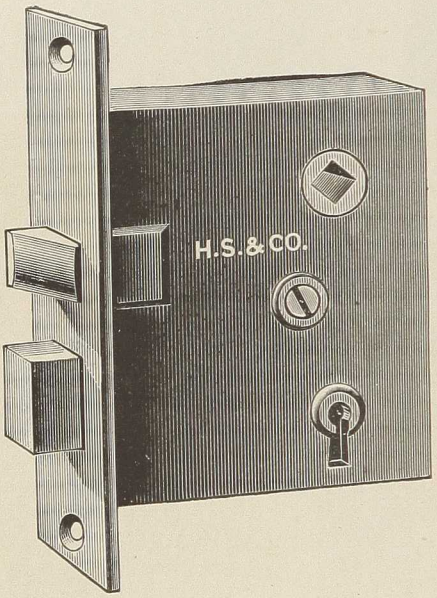
No. P03644½. Knob.
No. 1385¼. Escutcheon.

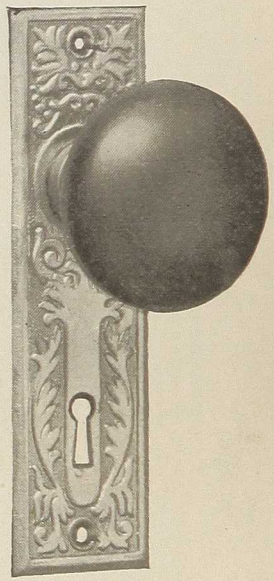
Set No. V950.

For description see page 44.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)





No. N3700. Knob.
No. N3971¼. Escutcheon.

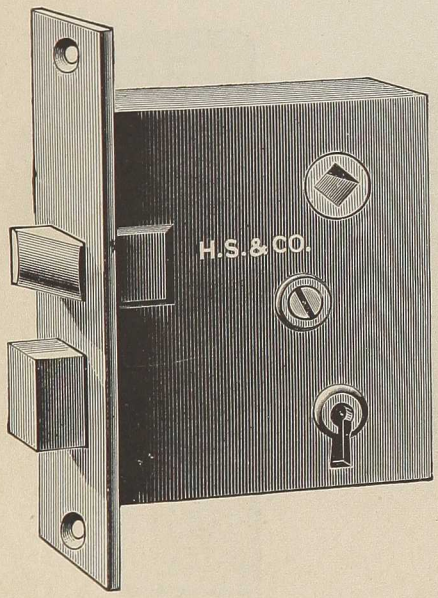
No. 1285. Lock.

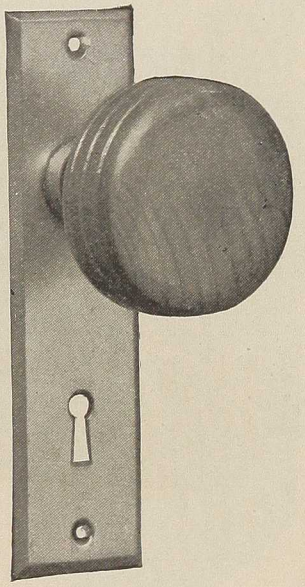
Set No. M175.

For description see page 36.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)





No. 230. Knob.
No. 2571¼. Escutcheon.

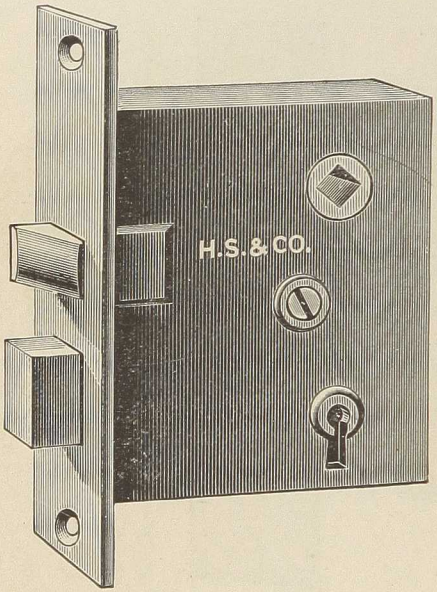
No. 1285. Lock.

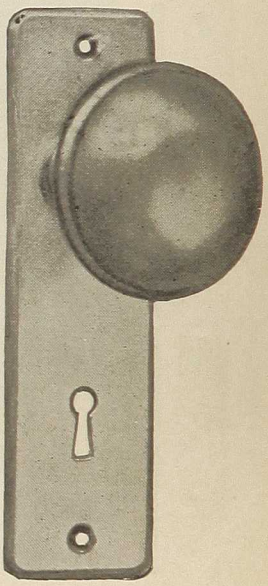
Set No. M275.

For description see page 37.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)





No. 1285. Lock.

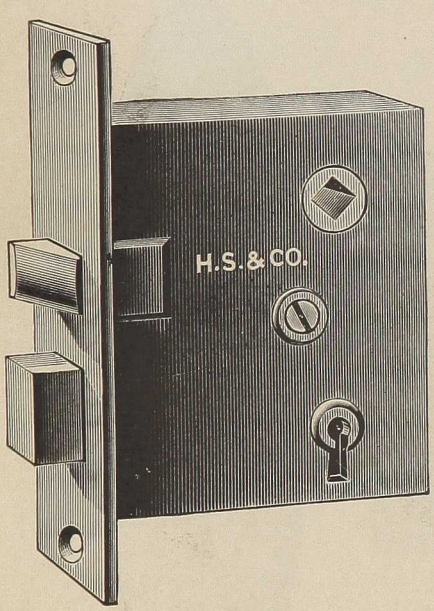
No. 1583. Knob.
No. 02570. Escutcheon.

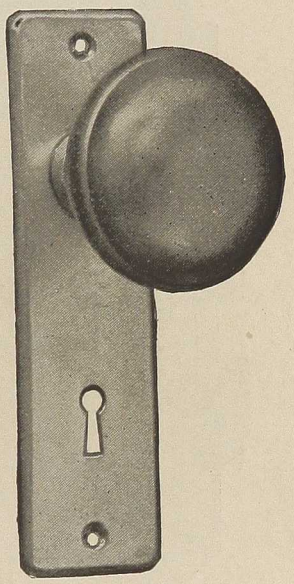
Set No. S0152.

For description see page 36.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)





No. 01583. Knob.
No. No3570. Escutcheon.

No. 1285. Lock.

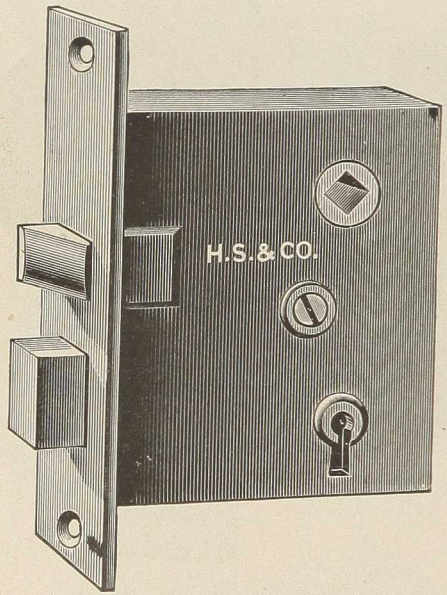
Set No. M375.

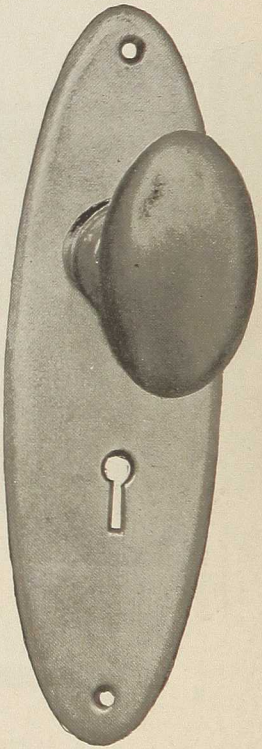
For description see page 38.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)

DESIGN "PUTNAM."





No. 01199½. Lock.

No. P003622½. Knob.
No. 1131¼. Escutcheon.

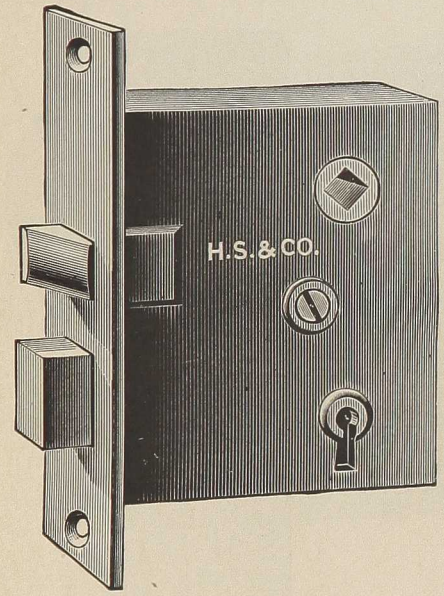
Set No. M475.

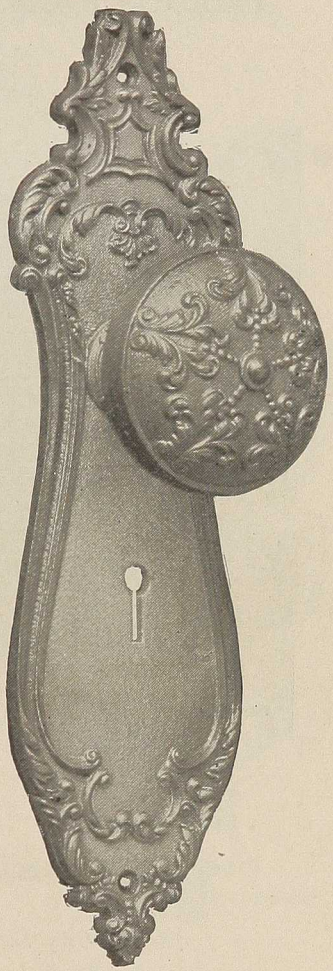
For description see page 39.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)

DESIGN "MALDEN."





No. 01199½. Lock.

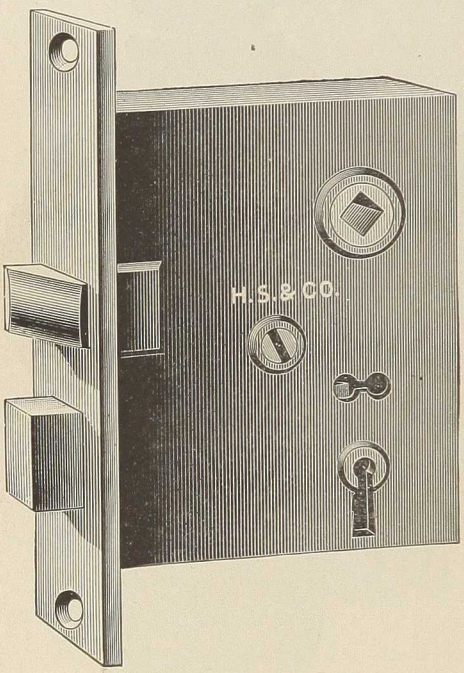
No. P002822. Knob.
No. 1231. Escutcheon.

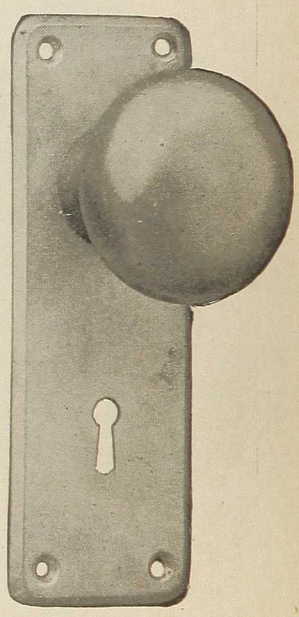
Set No. M575.

For description see page 40.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)





No. 1519½. Knob.
No. N02597½. Escutcheon.

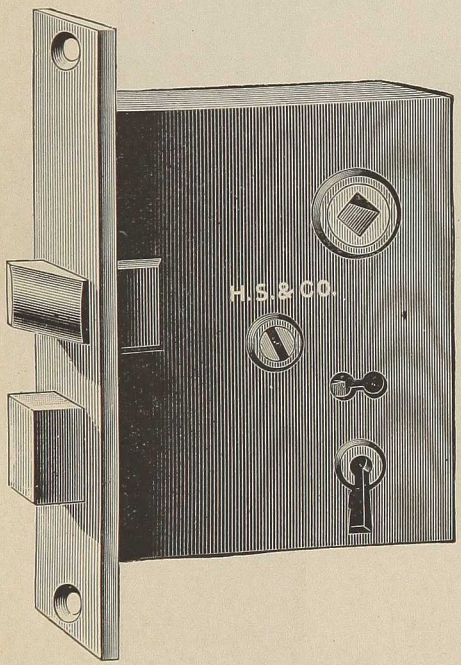
4½ in. City Lock.

Set No. M675.

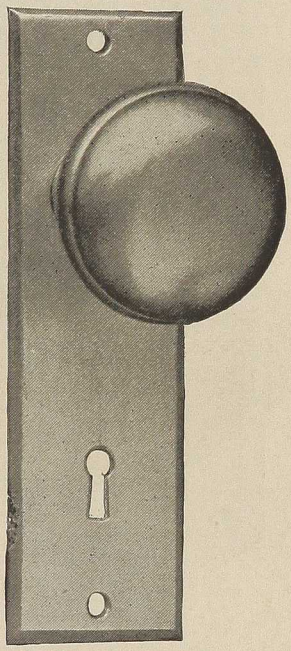
For description see page 41.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)



4½ in. City Lock.



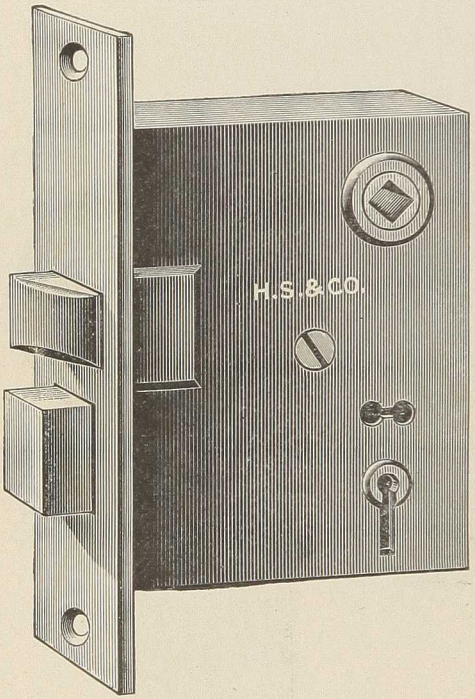
No. 01583. Knob.
No. 2589½. Escutcheon.

Set No. M775.

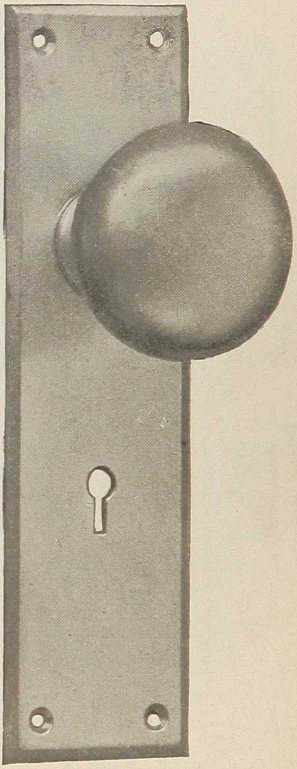
For description see page 42.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)



Nos. 1363 and 1365. Lock.



No. 1519½. Knob.
No. 2589. Escutcheon.

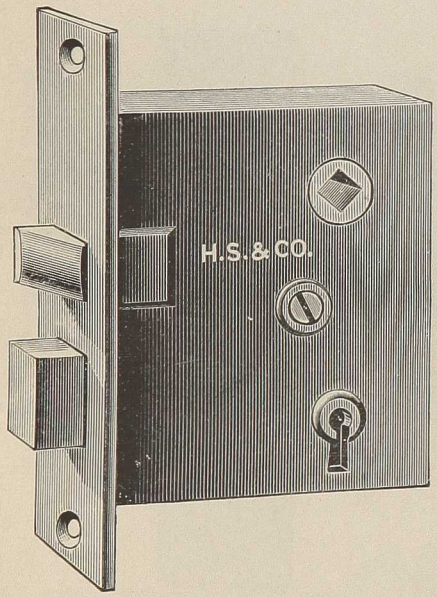
With Lock No. 1363 Set No. M875.
With Lock No. 1365 Set No. M975.

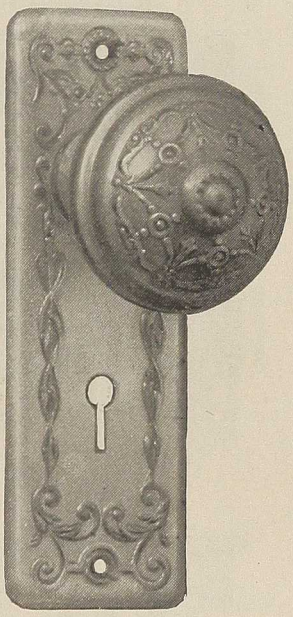
For description see pages 43 and 44.

INSIDE DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)

DESIGN "CLIFTON."





No. 01154½. Lock.

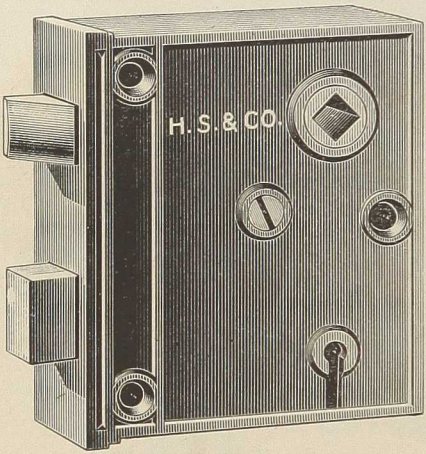
No. 00822¾. Knob.
No. 131¼. Escutcheon.

Set No. 18073¾.

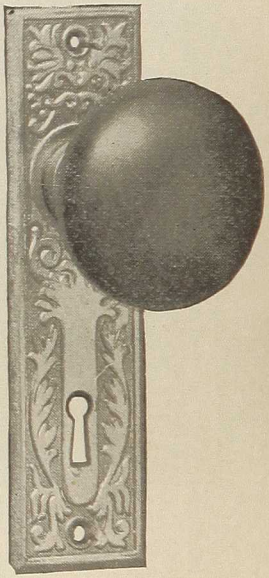
For description see page 44.

INSIDE DOOR RIM LOCK SETS.

(One-half-size Cuts.)



No. K961½. Lock.



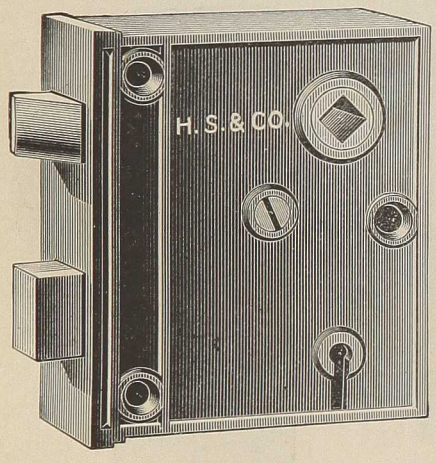
No. N3700½. Knob.
No. N3971¼. Escutcheon.

Set No. R125.

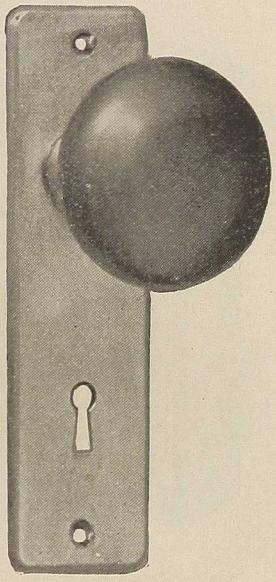
For description see page 36.

INSIDE DOOR RIM LOCK SETS.

(One-half-size Cuts.)



No. K961½. Lock.



No. N3700½. Knob.
No. N03570. Escutcheon

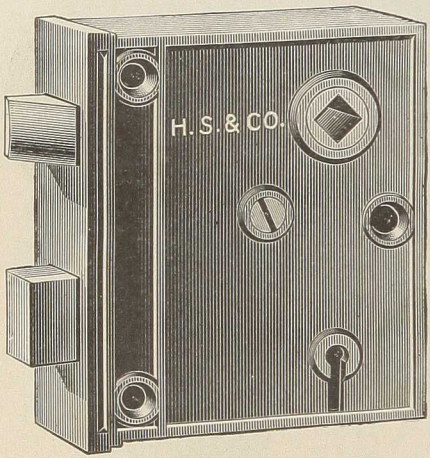
Set No. R225.

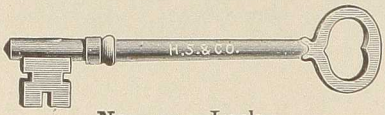
For description see page 37.

INSIDE DOOR RIM LOCK SETS.

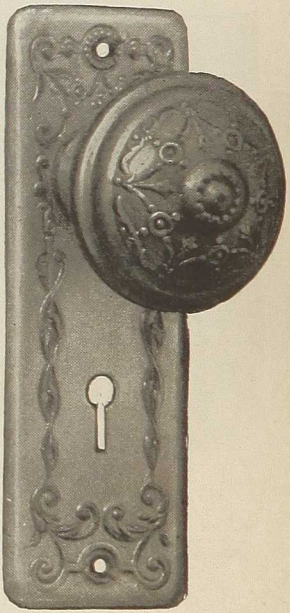
(One-half-size Cuts.)

DESIGN "CLIFTON."





No. 442. Lock.



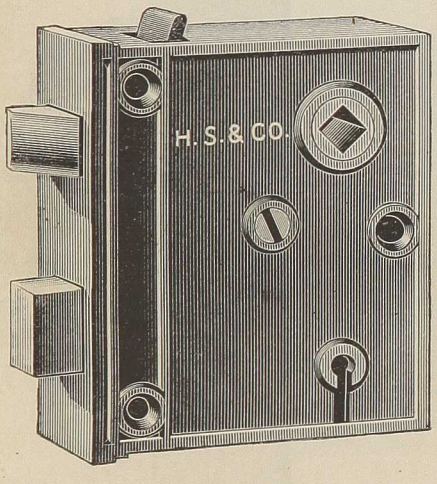
No. 00822¾. Knob.
No. 131¼. Escutcheon.

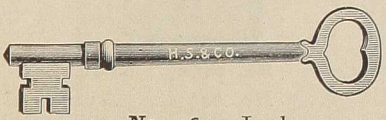
Set No. R325.

For description see page 38.

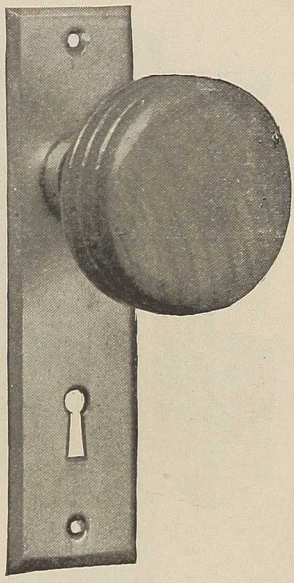
INSIDE DOOR RIM LOCK SETS.

(One-half-size Cuts.)





No. 962. Lock.
(Style of No. 470½ Lock.)



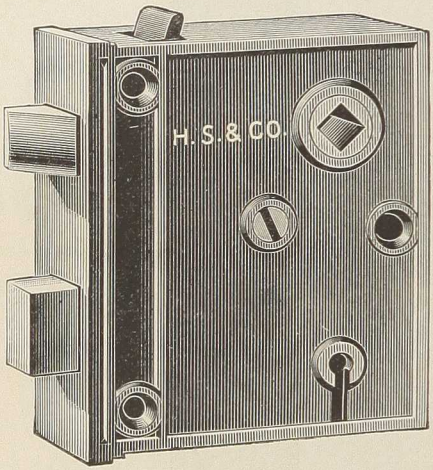
No. 230. Knob.
No. 2571¼. Escutcheon.

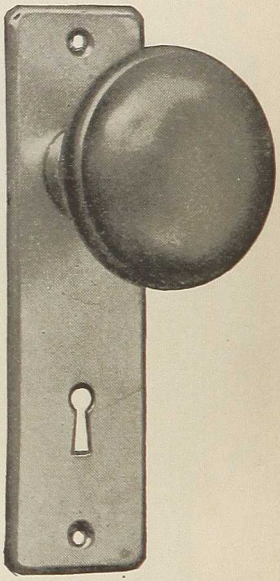
With No. 962 Lock Set No. R425.
With No. 470½ Lock Set No. R525.

For description see pages 39 and 40.

INSIDE DOOR RIM LOCK SETS.

(One-half-size Cuts.)





No. 01583. Knob.
No. 02570. Escutcheon.

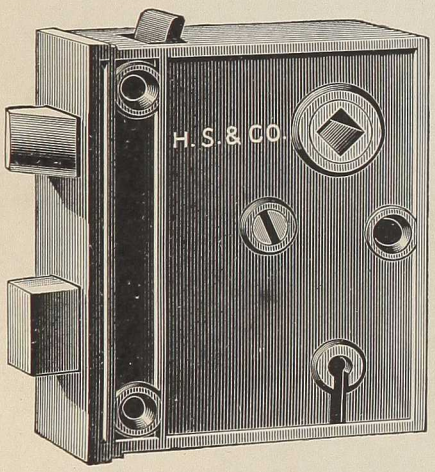
No. 470½. Lock.

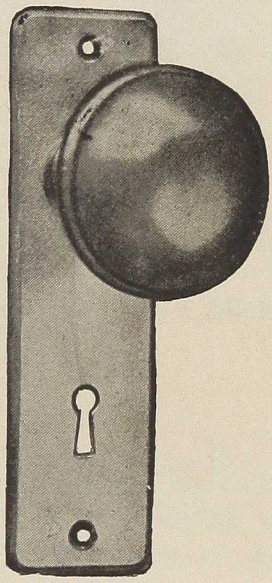
Set No. R625.

For description see page 41.

INSIDE DOOR RIM LOCK SETS.

(One-half-size Cuts.)





No. 1583. Knob.
No. 02570. Escutcheon.

No. 962. Lock.

Set No. R725.

For description see page 42.

LOCK SET DESCRIPTIONS.

Set No. F100. 1 Lock No. 1230. 4⅝ x 3⅝ in. Wrought Bronze Front and Strike, Bronze Bolts; 1 Tumbler and 16 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys and 1 Nickel-plated Steel Main Key. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 1583. 2¼ in. Wrought Bronze, Polished.

1 Escutcheon No. 2589. 2 x 7¼ in. Wrought Bronze, Polished.

1 Plate Escutcheon No. 2596½. Wrought Bronze, Polished.

Set No. R125. 1 Lock No. K961½. 3⅞ x 3¼ in. Iron Bolts not polished; 1 Tumbler, 6 Changes, with Tinned Iron Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. N3700½. 2¼ in. Jet.

1 Escutcheon No. N3971¼. 5⅜ x 1½ in. Wrought Steel, Bronze Plated.

Set No. V150. 1 Lock No. 1220. 3⅜ x 3⅝ in. Wrought Bronze Front and Strike, Bronze Bolt; 1 Tumbler, 16 Changes, with 2 Nickel-plated Steel Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 1583. 2¼ in. Wrought Bronze, Polished.

1 Escutcheon No. 2589½. 1⅞ x 6⅛ in. Wrought Bronze, Polished.

Set No. S0152. 1 Lock No. 1285. 3¾ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. 1583. 2¼ in. Wrought Bronze, Polished.

2 Escutcheons No. 02570. 1½ x 5½ in. Wrought Bronze, Polished.

Set No. M175. 1 Lock No. 1285. 3¾ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. N3700. 2¼ in. Jet.

2 Escutcheons No. N3971¼. 5⅜ x 1½ in. Wrought Steel, Bronze Plated.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F. 200. **"Wrought Regal" Design.** 1 Lock No. 1230¼. 4⅝ x 3⅝ in. Bronze Front, Strike, and Bolts; 1 Tumbler and 16 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys and 1 Main Key. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

½ Pr. Knobs No. 5490. 2½ in. ½ Pr. Knobs No. 5491. 2¼ in. Both Wrought Bronze, Polished.

1 Escutcheon No. 5492. 3 x 10 in. Wrought Bronze, Polished.

1 Plate Escutcheon No. 5498½. Wrought Bronze, Polished.

Set No. R225. 1 Lock No. K961½. 3⅞ x 3¼ in. Iron Bolts, not Polished; 1 Tumbler, 6 Changes, with Tinned Iron Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. N3700½. 2¼ in. Jet.

1 Escutcheon No. N03570. 1½ x 5½ in. Wrought Steel, Bronze Plated.

Set No. V250. **"Wrought Regal" Design.** 1 Lock No. 1220¼. 3⅜ x 3⅝ in. Bronze Front, Strike, and Bolt; 1 Tumbler, 16 Changes, with 2 Nickel-plated Steel Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 5491. 2¼ in. Wrought Bronze, Polished.

1 Escutcheon No. 5492¼. 7 x 2½ in. Wrought Bronze, Polished.

Set No. M275. 1 Lock No. 1285. 3¾ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. 230. 2¼ in. Ash, Oak, or Cherry.

2 Escutcheons No. 2571¼. 1½ x 5⅜ in. Wrought Bronze, Polished.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F300. **"Como" Design.** 1 Lock No. 1230¼. 4⅝ x 3⅝ in. Bronze, Antique Copper Finish, Front Strike, and Bolts; 1 Tumbler and 16 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys and 1 Main Key. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

½ Pr. Knobs No. 5330. 2½ in. ½ Pr. Knobs No. 5331. 2¼ in. Both Wrought Bronze, Antique Copper Finish.

1 Escutcheon No. 5332. 2⅞ x 10½ in. Wrought Bronze, Antique Copper Finish.

1 Plate Escutcheon No. 5338½. Wrought Bronze, Antique Copper Finish.

Set No. R325. **"Clifton" Design.** 1 Lock No. 442. 4 x 3¼. Iron Bolts, Tinned Malleable Iron Key; with Stop. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. 00822¾. 2¼ in. Wrought Steel, Antique Copper Finish.

1 Escutcheon No. 131¼. 5¾ x 1⅞ in. Wrought Steel, Antique Copper Finish.

Set No. V350. **"Como" Design.** 1 Lock No. 1220¼. 3⅜ x 3⅝ in. Bronze, Antique Copper Finish, Front, Strike, and Bolt; 1 Tumbler, 16 Changes, with 2 Nickel-plated Steel Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 5331. 2¼ in. Wrought Bronze, Antique Copper Finish.

1 Escutcheon No. 5332¼. 2⅜ x 7⅝ in. Wrought Bronze, Antique Copper Finish.

Set No. M375. 1 Lock No. 1285. 3¾ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. 01583. 2¼ in. Wrought Bronze, Polished.

2 Escutcheons No. N03570. 1½ x 5½ in. Wrought Steel, Bronze Plated.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F400. **"Parthenon" Design.** 1 Lock No. 1230¼. 4⅝ x 3⅝ in. Bronze, Antique Copper Finish, Front, Strike, and Bolts; 1 Tumbler and 16 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys and 1 Main Key. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 5401. 2¼ in. Cast Bronze, Antique Copper Finish.

1 Escutcheon No. 5402½. 8 x 2⅞ in. Cast Bronze, Antique Copper Finish.

1 Plate Escutcheon No. 5408½. Cast Bronze, Antique Copper Finish.

Set No. R425. 1 Lock No. 962. 3⅞ x 3¼ in. Iron Bolt, Polished; 1 Tumbler, 6 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

1 Pr. Knobs No. 230. 2¼ in. Ash, Oak, or Cherry.

1 Escutcheon No. 2571¼. 1½ x 5⅜ in. Wrought Bronze, Polished.

Set No. V450. **"Parthenon" Design.** 1 Lock No. 1220¼. 3⅜ x 3⅝ in. Bronze, Antique Copper Finish, Front, Strike, and Bolt; 1 Tumbler, 16 Changes, with 2 Nickel-plated Steel Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 5401. 2¼ in. Cast Bronze, Antique Copper Finish.

1 Escutcheon No. 5402¼. 6⅜ x 2¼ in. Cast Bronze, Antique Copper Finish.

Set No. M475. **"Putnam" Design.** 1 Lock No. 01199½. 3½ x 3¼ in. Bronze Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2 9/16 in. Reversible.

1 Pr. Knobs No. P003622½. 2½ in. Bronze, Polished.

2 Escutcheons No. 1131¼. 7⅛ x 2⅛ in. Wrought Bronze, Polished.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F500. 1 Lock No. 1230½. Bronze Front, Strike, Bolt, and Patent Reversible, Anti-Friction Latch; 1 Tumbler and 8 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys and 1 Main Key. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2 11/16 in.

½ Pr. Knobs No. 1518½. 2½ in. ½ Pr. Knobs No. 1519½. 2¼ in. Both Bronze Polished.

1 Escutcheon No. 2589. 2 x 7¼ in. Wrought Bronze, Polished.

1 Plate Escutcheon No. 2596½. Wrought Bronze, Polished.

Set No. R525. 1 Lock No. 470½. 4 x 3½ in. Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in. Reversible.

½ Pr. Knobs No. 230. 2¼ in. Ash, Oak, or Cherry.

½ Pr. Knobs No. N3700½. 2¼ in. Jet.

1 Escutcheon No. 2571¼. 1½ x 5⅜ in. Wrought Bronze, Polished.

Set No. V550. 1 Lock No. 1220½. 3⅝ x 3⅝ in. Bronze Front, Strike, and Patent Reversible, Anti-Friction Latch; 1 Tumbler, 8 Changes, with 2 Nickel-plated Steel Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2 11/16 in.

1 Pr. Knobs No. 1519½. 2¼ in. Bronze, Polished.

1 Escutcheon No. 2589½. 1⅞ x 6⅛ in. Wrought Bronze, Polished.

Set No. M575. **"Malden" Design.** 1 Lock No. 01199½. 3½ x 3¼ in. Bronze, Antique Copper Finish Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2 9/16 in. Reversible.

1 Pr. Knobs No. P002822. 2¼ in. Iron, Antique Copper Finish.

2 Escutcheons No. 1231. 9⅛ x 2½ in. Iron, Antique Copper Finish.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F600. 1 Lock No. 1350. 5¾ x 3⅝ in. Bronze, Front, Strike, Bolt, and Patent Anti-Friction Latch; 3 Tumblers and 40 Changes on Latch Bolt, with 2 Nickel-plated Steel Night Keys; 1 Tumbler on Main Bolt, with Nickel-plated Steel Key. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. **In ordering, state Hand required.**

½ Pr. Knobs No. 1511. 2½ in. ½ Pr. Knobs No. 1512. 2¼ in. Both Cast Bronze, Polished.

1 Escutcheon No. 2588. 2½ x 9½ in. Wrought Bronze, Polished.

1 Plate Escutcheon No. 2590½. Wrought Bronze, Polished.

Set No. R625. 1 Lock No. 470½. 4 x 3½ in. Brass Bolts, 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in. Reversible.

½ Pr. Knobs No. 01583. 2¼ in. Wrought Bronze, Polished.

½ Pr. Knobs No. N3700½. 2¼ in. Jet.

1 Escutcheon No. 02570. 1½ x 5½ in. Wrought Bronze, Polished.

Set No. V650. 1 Lock No. 1340. 4½ x 3⅝ in. Bronze, Front, Strike, and Patent Anti-Friction Latch; 3 Tumblers, 40 Changes, with 2 Nickel-plated Steel Keys. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 2⅝ in. **In ordering, state Hand required.**

1 Pr. Knobs No. 1512. 2¼ in. Cast Bronze, Polished.

1 Escutcheon No. 2589. 2 x 7⅛ in. Wrought Bronze, Polished.

Set No. M675. 1 4½ in. City Lock. 4½ x 3½ in. Brass Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 1519½. 2¼ in. Bronze, Polished.

2 Escutcheons No. N02597½. 2 x 5¾ in. Wrought Steel, Bronze Plated.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F700. 1 Lock No. 1345. 6¾ x 4 in. Bronze Front, Strike, Bolt, Cylinder, Thumb Knob, and Patent Anti-Friction Latch. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 3 in. **In ordering, state Thickness of Door, also Hand required.**

½ Pr. Knobs No. 1511. 2½ in. ½ Pr. Knobs No. 1512. 2¼ in. Both Cast Bronze, Polished.

1 Escutcheon No. 2582¼. 2⅞ x 10 in. Cast Bronze, Polished.

Set No. R725. 1 Lock No. 962. 3⅞ x 3¼ in. Iron Bolt, Polished, 1 Tumbler, 6 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in. Reversible.

½ Pr. Knobs No. 1583. 2¼ in. Wrought Bronze, Polished.

½ Pr. Knobs No. N3700½. 2¼ in. Jet.

1 Escutcheon No. 02570. 1½ x 5½ in. Wrought Bronze, Polished.

Set No. V750. 1 Lock No. 1339. 5 x 4 in. Bronze Front, Strike, Cylinder, and Patent Anti-Friction Latch. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 3 in. **In ordering, state Thickness of Door, also Hand required.**

1 Pr. Knobs No. 1512. 2¼ in. Cast Bronze, Polished.

1 Escutcheon No. 2582½. 2⅝ x 8 in. Cast Bronze, Polished.

Set No. M775. 1 4½ in. City Lock. 4½ x 3½ in. Brass Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅝ in. Reversible.

1 Pr. Knobs No. 01583. 2¼ in. Wrought Bronze, Polished.

2 Escutcheons No. 2589½. 1⅞ x 6⅛ in. Wrought Bronze, Polished.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. F800. **"Parthenon" Design.** 1 Lock No. 1345. 6¾ x 4 in. Bronze, Antique Copper Finish, Front, Strike, Bolt, Cylinder, Thumb Knob, and Patent Anti-Friction Latch. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 3 in. **In ordering, state Thickness of Door, also Hand required.**

½ Pr. Knobs No. 5400. 2½ in. ½ Pr. Knobs No. 5401. 2¼ in. Both Cast Bronze, Antique Copper Finish.

1 Escutcheon No. 5402. 9½ x 2⅞ in. Cast Bronze, Antique Copper Finish.

Set No. V850. **"Parthenon" Design.** 1 Lock No. 1339. 5 x 4 in. Bronze, Antique Copper Finish, Front, Strike, Cylinder, and Patent Anti-Friction Latch. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. Distance from Front to Center of Hub, 3 in. **In ordering, state Thickness of Door, also Hand required.**

1 Pr. Knobs No. 5401. 2¼ in. Cast Bronze, Antique Copper Finish.

1 Escutcheon No. 5402½. 8 x 2⅞ in. Cast Bronze, Antique Copper Finish.

Set No. M875. 1 Lock No. 1363. 4¼ x 3½ in. Bronze Front, Strike, and Bolts; 1 Tumbler, 24 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2¾ in. Reversible.

1 Pr. Knobs No. 1519½. 2¼ in. Bronze, Polished.

2 Escutcheons No. 2589. 2 x 7¼ in. Wrought Bronze, Polished.

Set No. F900. **"Putnam" Design.** 1 Lock No. 1500½. 4¾ x 3¾ in. Bronze Front, Strike, Bolts, and Cylinder. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅞ in. 3 German Silver Keys. Reversible. **In ordering, state Thickness of Door.**

1 Pr. Knobs No. P003644½. 3 x 2½ in. Cast Bronze, Polished.

1 Escutcheon No. 1382¼. 3⅛ x 10½ in. Wrought Bronze, Polished.

1 Escutcheon No. 1383⅜. 7⅛ x 2⅛ in. Wrought Bronze, Polished. With Thumb Knob.

See Price List.

LOCK SET DESCRIPTIONS.

Set No. V950. **"Putnam" Design.** 1 Lock No. 1505½. 4⅛ x 3¾ in. Bronze Front, Strike, Bolt, and Cylinder. 3 German Silver Keys. Hub for 5/16 in. Swivel Spindle. Distance from Front to Center of Hub, 2⅞ in. Reversible. **In ordering, state Thickness of Door.**

1 Pr. Knobs No. P03644½. 2½ in. Cast Bronze, Polished.

1 Escutcheon No. 1385¼. 9⅛ x 2¾ in. Wrought Bronze, Polished.

Set No. M975. 1 Lock No. 1365. Having 3 Tumblers and 48 Changes. Otherwise as Set No. M875.

Set No. 18073¾. **"Clifton" Design.** 1 Lock No. 01154½. 3½ x 3¼ in. Bronze, Antique Copper Finish, Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in. Reversible.

1 Pr. Knobs No. 00822¾. 2¼ in. Steel, Antique Copper Finish.

2 Escutcheons No. 131¼. 5¾ x 1⅞ in. Steel, Antique Copper Finish.

STORE DOOR LOCKS AND HANDLES

ARE SHOWN ON PAGES 85 TO 92.

FANCY DESIGN HARDWARE,

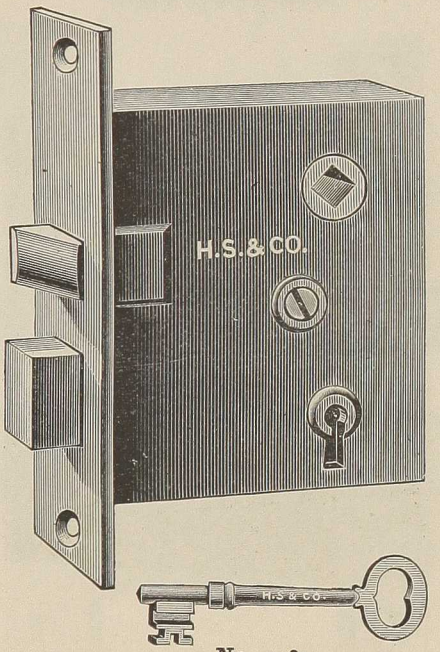
INCLUDING FRONT DOOR,
VESTIBULE DOOR,
STORE DOOR, AND
STORM DOOR

HARDWARE,

IS SHOWN ON PAGES 274 TO 283.

MORTISE KNOB LOCKS.

(One-half-size Cuts.)



No. 1285.

No. 1285. 3¾ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in.

No. 1085¼. 3¾ x 3½ in. Cast Brass Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅝ in.

To change Hand, take off Cap Plate and reverse Latch.

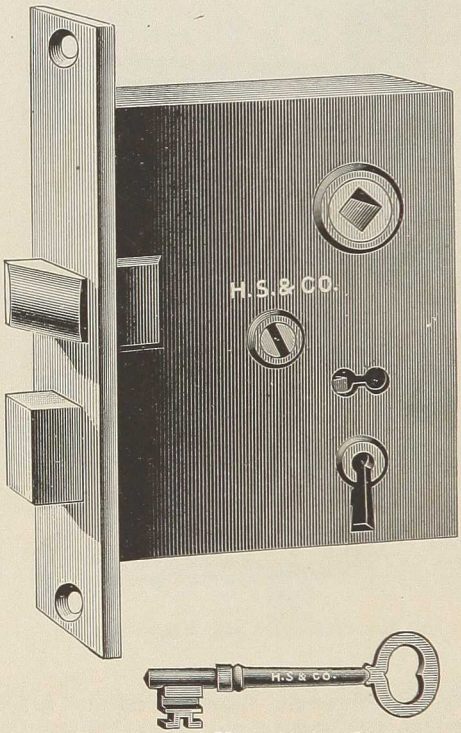
No. 1385¾. 3¾ x 3½ in. Cast Brass Front, Strike, and Bolts; 3 Tumblers, 36 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2 9/16 in.

To change Hand, draw out Slide in Top of Case and reverse Latch.

See Price List.

MORTISE KNOB LOCKS.

(One-half-size Cuts.)



No. 4½ in. City.

No. 4½ in. City. 4½ x 3½ in. Brass Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅝ in.

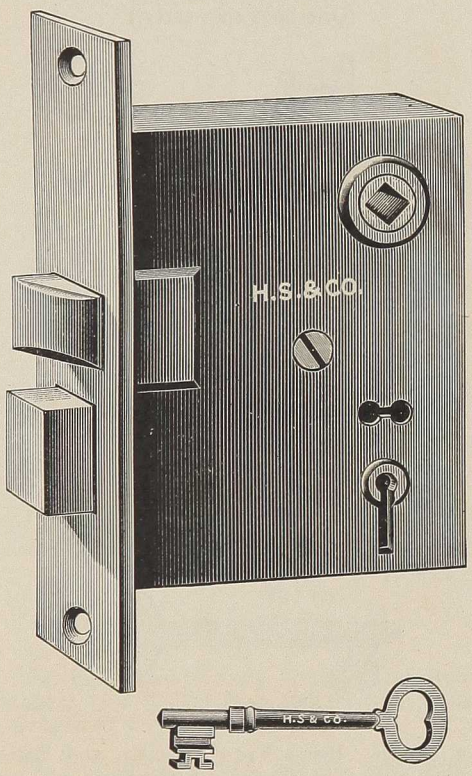
No. 1240. 5 x 3½ in. Brass Front, Strike, and Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in.

To change Hand, take off Cap Plate and reverse Latch.

See Price List.

MORTISE KNOB LOCKS.

(One-half-size Cuts.)



Nos. 1363 and 1365.

No. 1363. 4¼ x 3½ in. Bronze Front, Strike, and Bolts; 1 Tumbler, 24 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2¾ in.

No. 1365. As No. 1363, but having 3 Tumblers and 48 Changes.

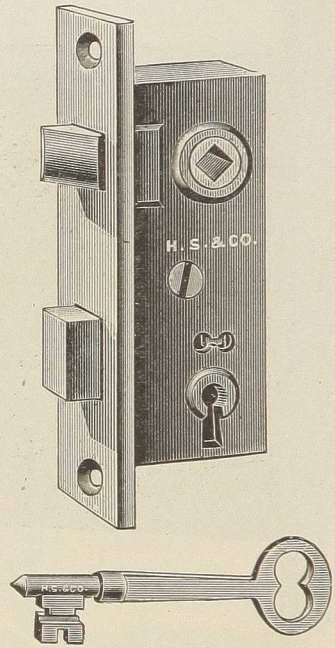
To change Hand, take off Cap Plate and reverse Latch.

See Price List.

MORTISE KNOB LOCKS.

FOR NARROW STILE DOORS AND FRENCH WINDOWS.

(One-half-size Cuts.)



No. 0101½.

No. 0101½. 3½ x 1½ in. Brass Front, Strike, and Bolts; 1 Tumbler, 6 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 1 in.

No. 156⅞. 2⅞ x 2¼ in. Bronze Front, Strike, and Bolts; 2 Tumblers, 8 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 1 11/16 in

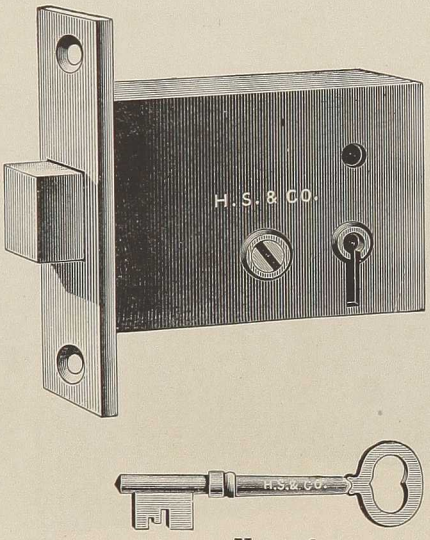
No. 281. 4¾ x 2¾ in. Brass Front, Strike, and Bolts; 3 Tumblers, 36 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2 in.

To change Hand, take off Cap Plate and reverse Latch.

See Price List.

MORTISE DEAD LOCKS.

(One-half-size Cuts.)



No. 136.

No. 115. 1⅞ x 2⅝ in. Brass Front, Strike, and Bolt; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, 1⅞ in.

No. 116. 1⅞ x 2⅝ in. Brass Front, Strike, and Bolt; 3 Tumblers, 36 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, 1⅞ in.

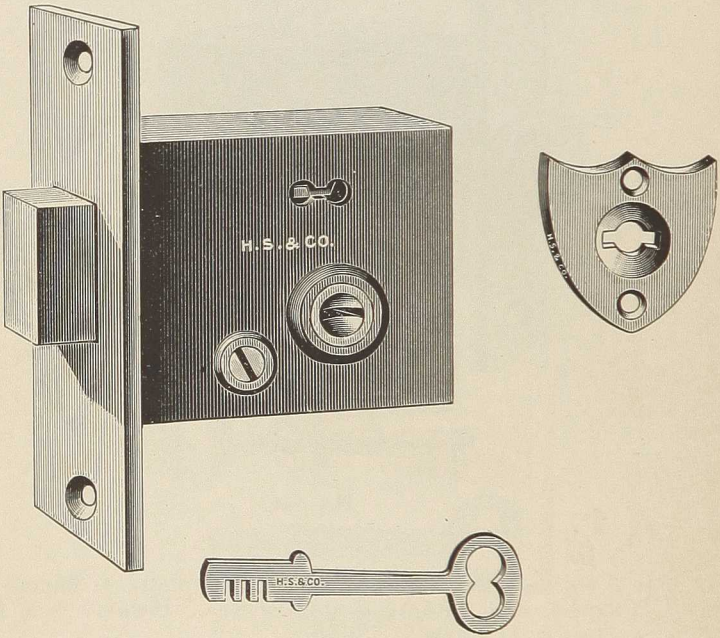
No. 136. 2¼ x 3¼ in. Brass Front, Strike, and Bolt; 3 Tumblers, 36 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, $2\frac{9}{16}$ in.

No. 139. 2⅜ x 2¾ in. Brass Front, Strike, and Bolt; 3 Tumblers, 18 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, $1\frac{15}{16}$ in.

See Price List.

MORTISE STORE DOOR DEAD LOCKS.

(One-half-size Cuts.)



No. 0146.

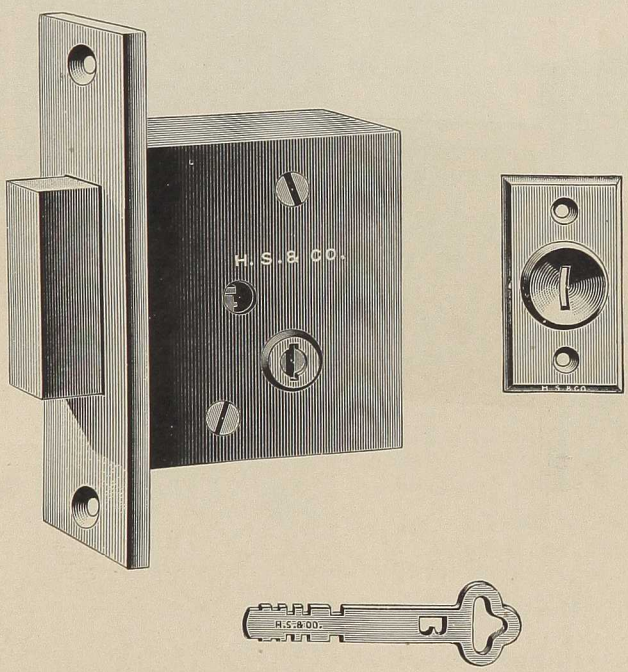
No. 146. 3 x 3½ in. Bronze Front, Strike, Escutcheon, and Bolt; 5 Tumblers, 75 Changes, with 2 Nickel-plated Flat Steel Keys. Distance from Front to Center of Keyhole, 2⅜ in.

No. 0146. 2½ x 3 in. Bronze Front, Strike, Bolt, and Escutcheon; 3 Tumblers, 36 Changes, with 2 Nickel-plated Flat Steel Keys. Distance from Front to Center of Keyhole, 2 in.

See Price List.

MORTISE STORE DOOR DEAD LOCKS.

(One-half-size Cuts.)

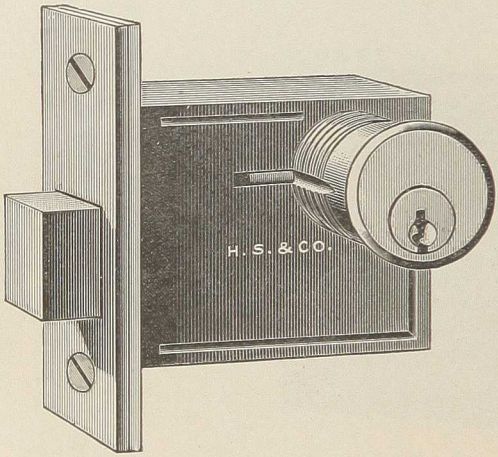


No. 205. 2½ x 3 in. Bronze Front, Strike, and Bolt; 4 Tumblers, 36 Changes, with 2 Flat Steel Keys and 2 Bronze Escutcheons. Distance from Front to Center of Keyhole, 1¾ in.

See Price List.

YALE MORTISE DEAD LOCKS.

(One-half-size Cuts.)



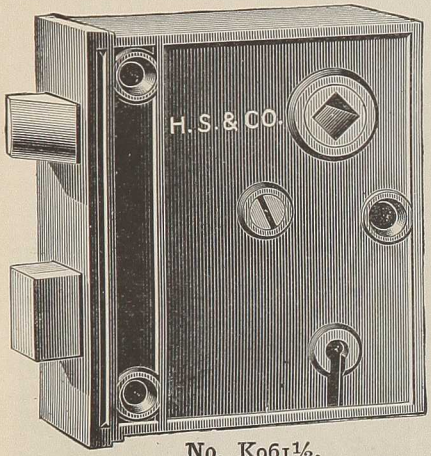
No. 344N. 2⅜ x 3⅛ in. Bronze (Armored) Front, Strike, Bolt, and Cylinder; Changes unlimited, with 3 Paracentric Keys. Distance from Front to Center of Keyhole, 2¼ in. **In ordering, state Thickness of Door.**

For either Right or Left Hand Doors.

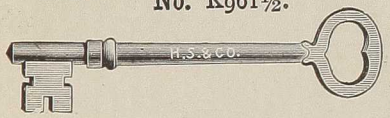
See Price List.

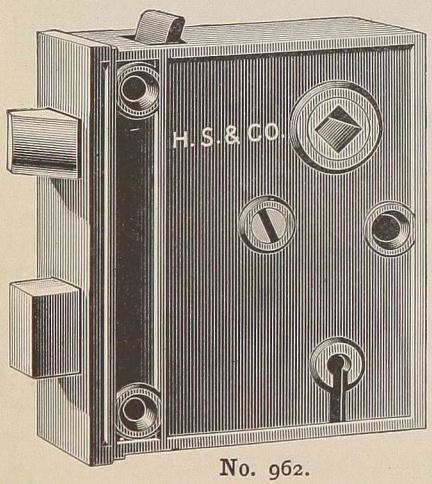
UPRIGHT RIM KNOB LOCKS.

(One-half-size Cuts.)



No. K961½.





No. 962.

Style of No. K961½.

No. 459. 3⅝ x 2¼ in. Brass Bolts, 1 Tumbler, 12 Changes, with Brass Key. 5/16 in. Hub. Distance from Front to Center of Hub, 1½ in.

No. K961½. 3⅞ x 3¼ in. Iron Bolts not Polished; 1 Tumbler, 6 Changes, with Tinned Iron Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in.

To change Hand, take off Cap Plate and reverse Latch.

Style of No. 962.

No. 470½. 4 x 3½ in. Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in.

No. 490. 5 x 3⅝ in. Brass Bolts; 1 Tumbler, 18 Changes, with Brass Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in.

To change Hand, draw out Slide in Top of Case and reverse Latch.

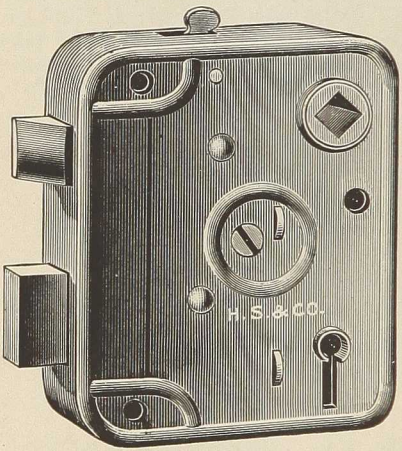
No. 962. 3⅞ x 3¼ in. Iron Bolt, Polished; 1 Tumbler, 6 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in.

To change Hand, take off Cap Plate and reverse Latch.

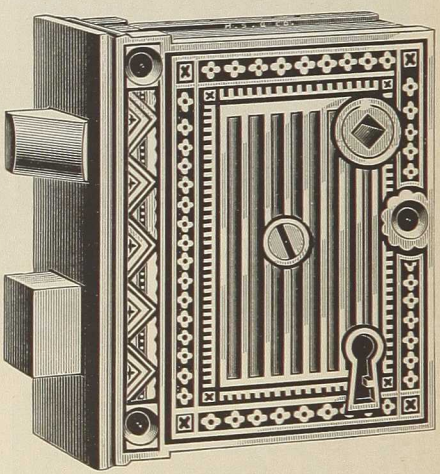
See Price List.

UPRIGHT RIM KNOB LOCKS.

(One-half-size Cuts.)



No. 966¼.



No. N3470½.

No. 966¼. 3¾ x 3⅛ in. Brass-plated Wrought Steel Case and Strike, Brass-plated Iron Bolts; 1 Tumbler, 6 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅜ in.

To change Hand, take off Cap Plate and reverse Latch.

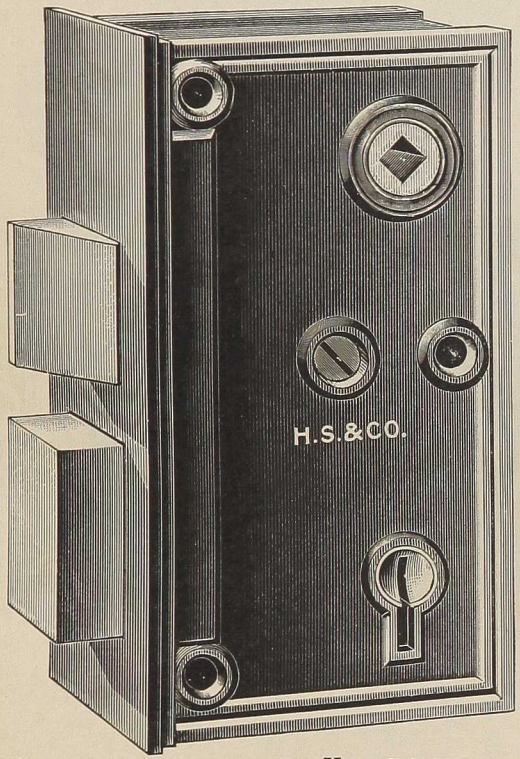
No. N3470½. 4 x 3¼ in. Iron Bronzed Case, Brass Bolts; 1 Tumbler, 12 Changes, with Nickel-plated Brass Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in.

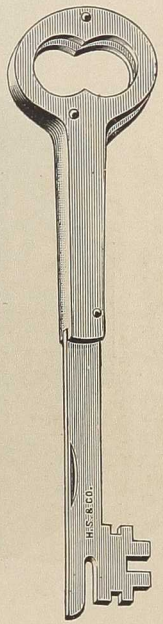
To change Hand, pull out Latch and turn it half around.

See Price List.

UPRIGHT RIM KNOB LOCKS.

(One-half-size Cuts.)





No. 1678.

No. 493. 6⅛ x 4 in. Brass Bolts, Patent Stop; 1 Tumbler, 18 Changes, with Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2 15/16 in.

To change Hand, pull out Latch and turn it half around.

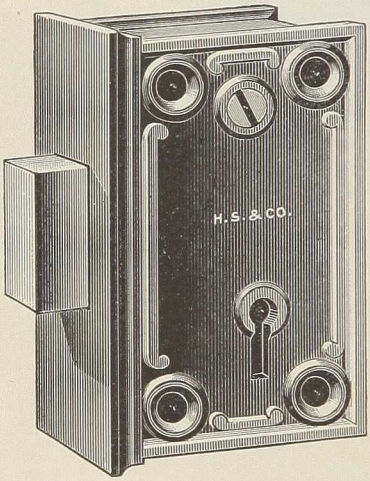
No. 1678. 6⅝ x 3⅝ in. Iron Bolts, 3 Tumblers, 16 Changes, with 2 Nickel-plated Steel Folding Keys. 5/16 in. Hub. Distance from Front to Center of Hub, 2 7/16 in.

To change Hand, take off Cap Plate and reverse Latch.

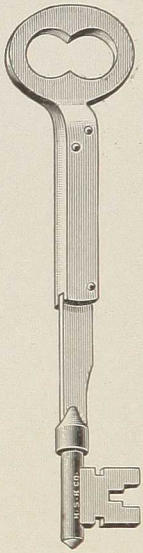
See Price List.

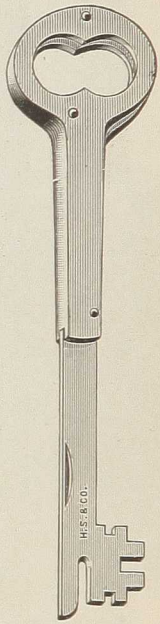
UPRIGHT RIM STORE DOOR DEAD LOCKS.

(One-half-size Cuts.)



No. 1448.





Key for No. 1450.

No. 1445. 4 x 2½ in. Iron Bolt, 1 Tumbler, 24 Changes, with 2 Nickel-plated Steel Folding Keys. Distance from Front to Center of Keyhole, 1⅝ in.

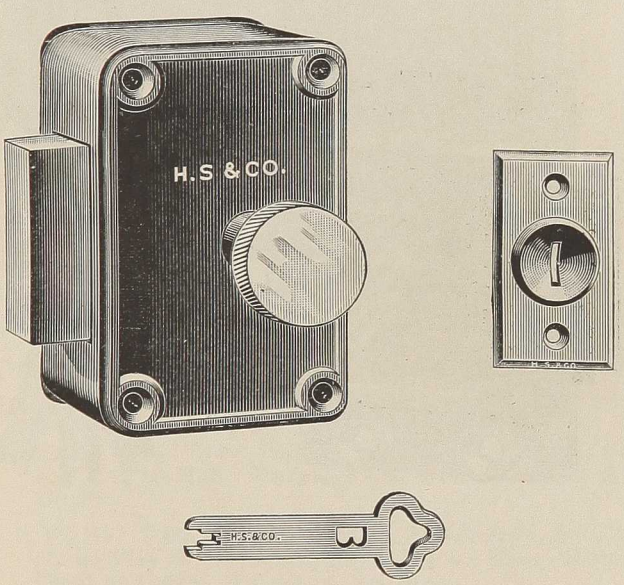
No. 1448. 4 x 2½ in. Brass Bolt; 3 Tumblers, 36 Changes, with 2 Nickel-plated Steel Folding Keys. Distance from Front to Center of Keyhole, 1⅝ in.

No. 1450. 5½ x 3⅝ in. Iron Bolt; 1 Tumbler, 12 Changes, with 2 Nickel-plated Flat Steel Folding Keys. Distance from Front to Center of Keyhole, $2\frac{5}{16}$ in.

See Price List.

UPRIGHT RIM STORE DOOR DEAD LOCKS.

(One-half-size Cuts.)

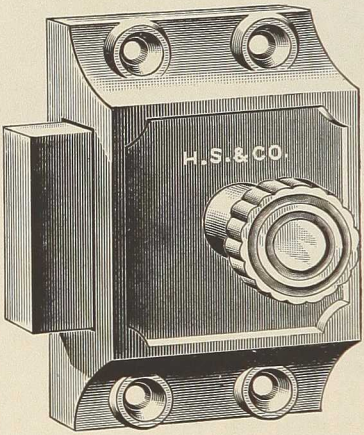


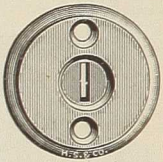
No. 198. 3⅞ x 2⅝ in. Heavy Bronze Bolt, Brass Nickel-plated Knob, Bronze Escutcheon; 7 Tumblers, 144 Changes, with 2 Flat Steel Keys. Distance from Front to Center of Keyhole, 1½ in. Suited for Doors from 1½ to 3 in. thick.

See Price List.

UPRIGHT RIM STORE DOOR DEAD LOCKS.

(One-half-size Cuts.)



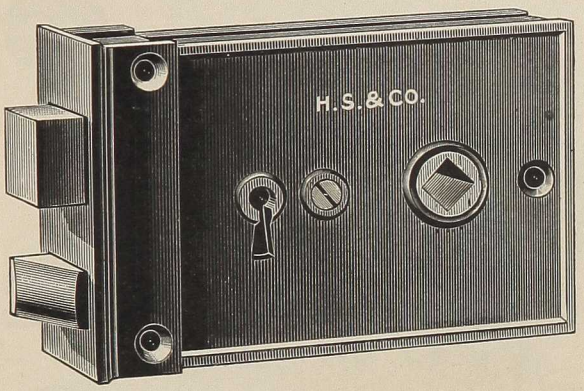


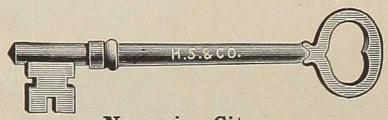
No. 69158. 3⅞ x 2½ in. Bronze Case, Bolt, and Escutcheon, Bronze-plated Knob; 5 Tumblers, over 1,000 Changes, with 3 Flat German Silver Keys. Suited for Doors from 1¾ to 2⅛ in. thick.

See Price List.

HORIZONTAL RIM KNOB LOCKS.

(One-half-size Cuts.)





No. 5 in. City.

No. 5 in. City. 5 x 3 in. Brass Bolts, 1 Tumbler, 12 Changes, with Brass Key. 5/16 in. Hub. Distance from Front to Center of Keyhole, 1¾ in.

No. 6 in. City. 6 x 4 in. Brass Bolts, 1 Tumbler, 12 Changes, with Brass Key. 5/16 in. Hub. Distance from Front to Center of Keyhole, 1⅞ in.

No. 626. 7 x 4¾ in. Iron Bolts, 1 Tumbler, 24 Changes, with 2 Nickel-plated Flat Steel Folding Keys. 5/16 in. Hub. Distance from Front to Center of Keyhole, 2¼ in.

No. 3249. 5 x 3 in. Wrought Steel Case, Brass Bolts; 6 Changes, with Brass Key. 5/16 in. Hub. Distance from Front to Center of Keyhole, 1¾ in.

To change Hand, take off Cap Plate and reverse Latch.

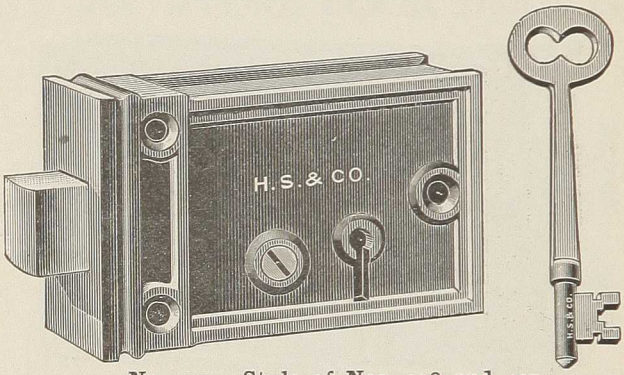
No. 1673. 6 x 4 in. Iron Bolts; 1 Tumbler, 24 Changes, with 2 Nickel-plated Steel Folding Keys. 5/16 in. Hub. Distance from Front to Center of Hub, 4⅝ in.

To change Hand, pull out Latch and turn it half around.

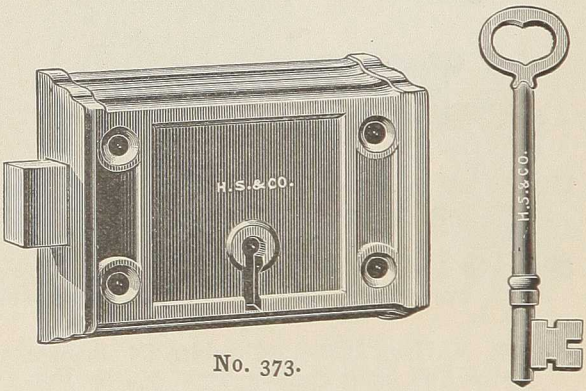
See Price List.

HORIZONTAL RIM DEAD LOCKS.

(One-half-size Cuts.)



No. 402. Style of Nos. 378 and 437.



No. 373.

No. 373. 3⅜ x 2½ in. Iron Bolt; 1 Tumbler, 6 Changes, with Tinned Malleable Iron Key. Distance from Front to Center of Keyhole, 1⅝ in. Bolt shoots both ways.

No. 378. 3 x 2¼ in. Iron Bolt; 1 Tumbler, 12 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, 2 in.

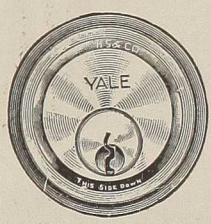
No. 402. 3¾ x 2½ in. Iron Bolt; 3 Tumblers, 48 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, 2½ in.

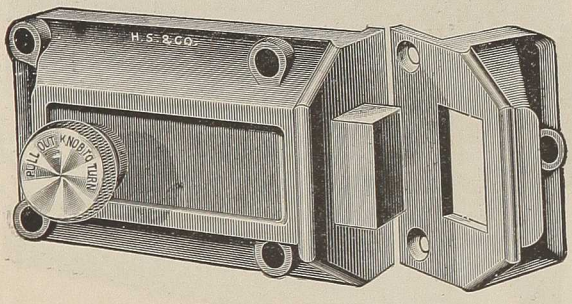
No. 437. 6 x 4 in. Brass Bolt; 1 Tumbler, 18 Changes, with Brass Key. Distance from Front to Center of Keyhole, 3 in.

See Price List.

YALE HORIZONTAL RIM DEAD LOCKS.

(One-half-size Cuts.)



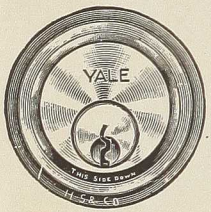


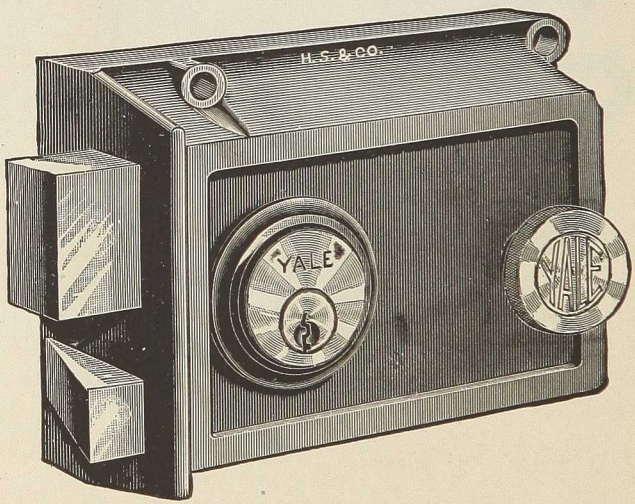
No. 32. 2⅜ x 3⅝ in. Japanned Case; Bronze Bolt, Knob, and Cylinder, with 3 German Silver Paracentric Keys. Distance from Front to Center of Keyhole, 2⅜ in. Suited for Doors from 1 to 2½ in. thick.

See Price List.

YALE RIM NIGHT LATCH AND LOCK.

(One-half-size Cuts.)





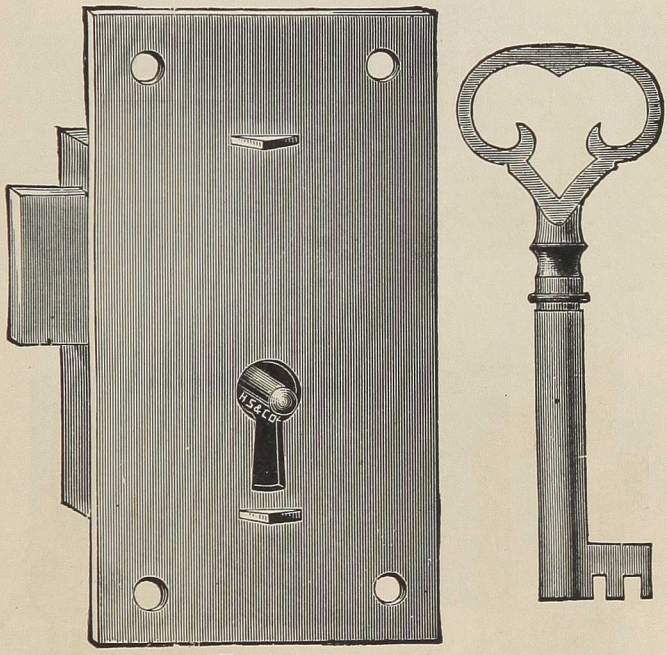
No. 782. 4⅛ x 5 in. Bronze Bolt, Cylinder, and Knob, with 3 German Silver Keys. Distance from Front to Center of Cylinder, 1½ in.; to knob, 3⅝ in. Suited for Doors from 1⅛ to 3 in. thick.

Not Reversible. When ordering, state Hand required.

See Price List.

WARDROBE LOCKS.

(Full-size Cuts.)



No. 510.

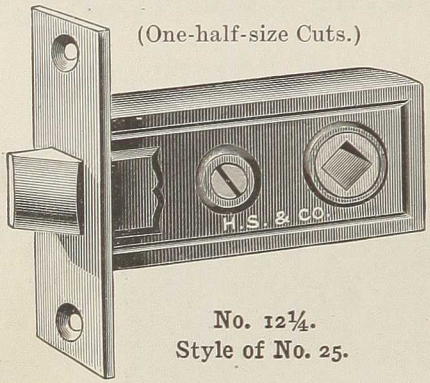
12-keyed. All alike. Bolt shoots right and left.

No. 510.	3 x 1¾ in.	Iron. Tumbler.
No. 510½.	3 x 1¾ in.	Iron. Coppered. Tumbler. Fancy Bronze Keys.
No. 500.	3½ x 2 in.	Iron. Tumbler and Ward.
No. 391½.	4 x 2 in.	Iron. Coppered. Tumbler and Ward. Fancy Bronze Keys.

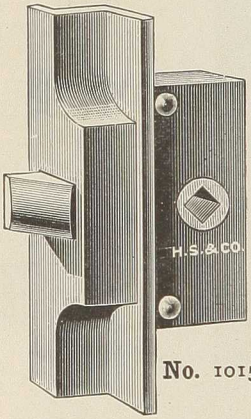
See Price List.

MORTISE KNOB LATCHES.

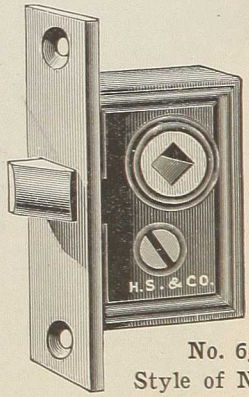
(One-half-size Cuts.)



No. 12¼.
Style of No. 25.



No. 1015½.



No. 65.
Style of No. 89.

No. 12¼. 1½ x 3⅛ in. Wrought Brass Front and Strike, Brass Bolt. Case ½ in. thick. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in.

No. 25. 1¾ x 3½ in. Brass Front, Strike, and Bolt. Case 9/16 in. thick. 5/16 in. Hub. Distance from Front to Center of Hub, 2⅞ in.

No. 65. 2¼ x 1½ in. Brass Front, Strike, and Bolt. 5/16 in. Hub. Distance from Front to Center of Hub, 1 in.

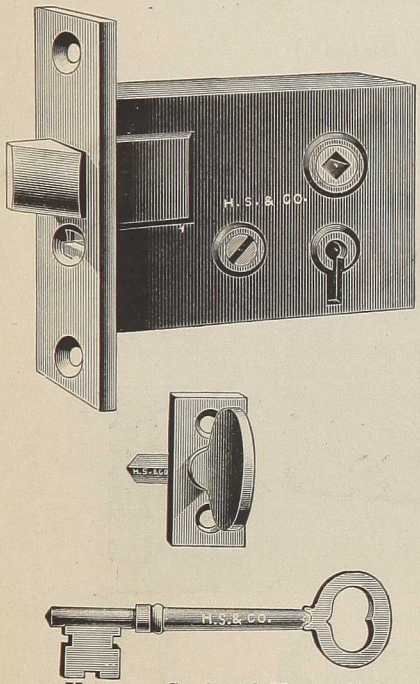
No. 89. 2⅜ x 2¾ in. Brass Front, Strike, and Bolt. 5/16 in. Hub. Distance from Front to Center of Hub, 1⅞ in.

No. 1015½. 2¼ x 1½ in. Bronze Front, Strike, and Bolt. 5/16 in. Hub. Distance from Front to Center of Hub, 1 in. ½ in. Rabbet.

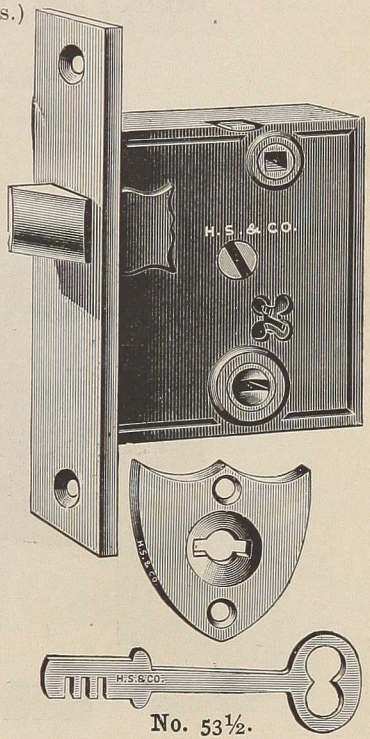
See Price List.

MORTISE NIGHT LATCHES.

(One-half-size Cuts.)



No. 52. Style of No. 54½.



No. 53½.

No. 52. 2¼ x 3¼ in. Brass Front, Strike, Bolt, and Thumb Knob; 1 Tumbler, 6 Changes, with 2 Nickel-plated Steel Keys. Distance from Front to Center of Hub, 2⅜ in.

To change Hand, pull out Latch and turn it half around.

No. 53½. 3 x 2⅝ in. Brass Front, Strike, and Bolt, Bronze Thumb Knob and Escutcheon; 3 Tumblers, 27 Changes, with 2 Nickel-plated Flat Steel Keys. Distance from Front to Center of Hub, $1\frac{11}{16}$ in.

To change Hand, draw out Slide in Top of Case and turn Latch over.

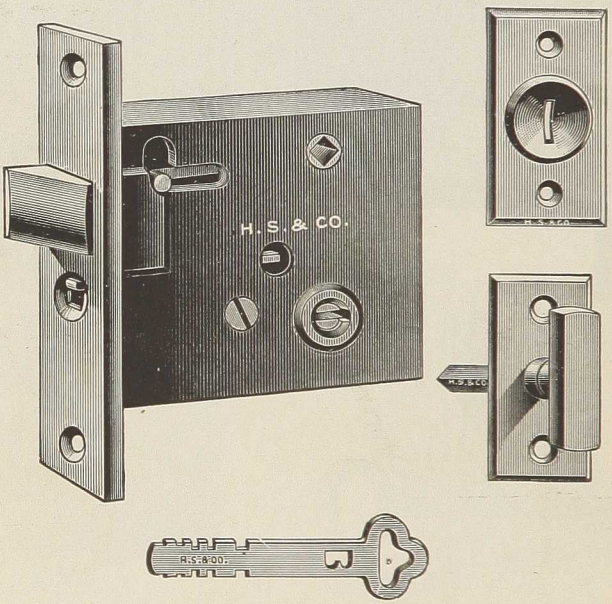
No. 54½. 2¾ x 3⅜ in. Bronze Front, Strike, Bolt, and Thumb Knob; 3 Tumblers, 18 Changes, with 2 Nickel-plated Steel Keys. Distance from Front to Center of Hub, 2¾ in.

To change Hand, take off Cap Plate and reverse Latch.

See Price List.

MORTISE NIGHT LATCHES.

(One-half-size Cuts.)

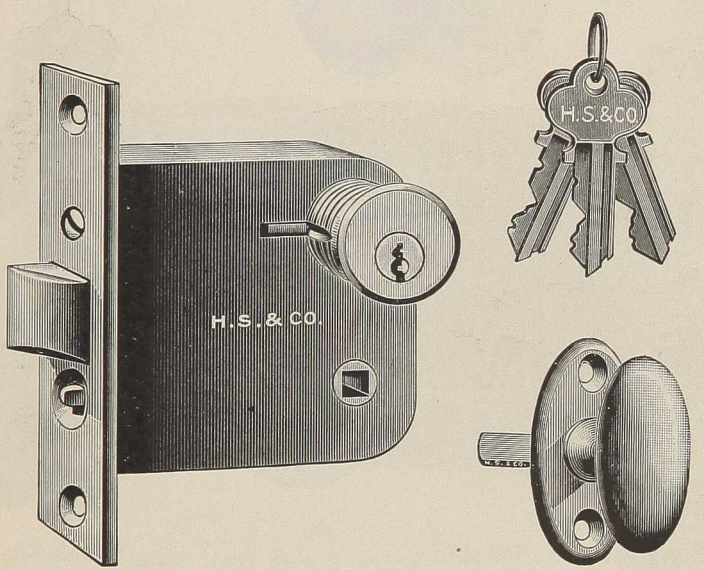


No. 175. 2⅝ x 3 in. Bronze Front, Strike, Bolt, Escutcheon, and Thumb Piece; 3 Tumblers, with 2 Flat Steel Keys. Distance from Front to Center of Keyhole, 2⅛ in.

Reversible for either Right or Left Hand Doors.

MORTISE NIGHT LATCHES.

(One-half-size Cuts.)



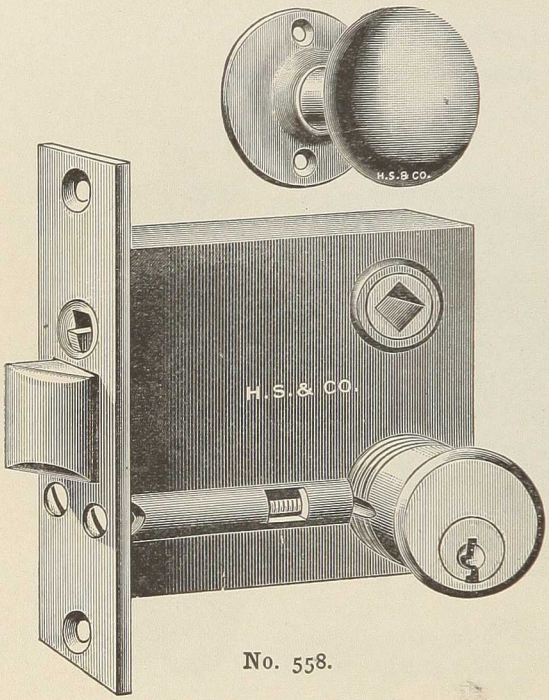
No. 166. 2¾ x 3 in. Bronze Front, Strike, Bolt, Cylinder, and Thumb Knob; Key Changes unlimited. 3 Paracentric Keys. Distance from Front to Center of Hub, 2½ in. Suited for Doors from 1⅛ to 1⅝ in. thick.

Reversible for either Right or Left Hand Doors.

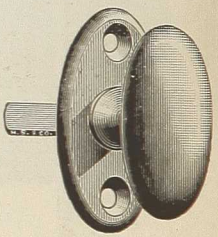
See Price List.

MORTISE NIGHT LATCHES.

(One-half-size Cuts



No. 558.



Thumb Knob for Nos. 66N and 67N.

No. 66N. Yale. 3½ x 2¾ in. Bronze Front, Strike, Bolt, Cylinder, and Thumb Knob; with 3 German Silver Keys. 5/16 in. Hub. Distance from Front to Center of Keyhole, 2 in. Suited for Doors from 1¼ to 2⅛ in. thick.

No. 67N. Yale. Same as No. 66N, but suited for Doors from 2⅛ to 3 in. thick.

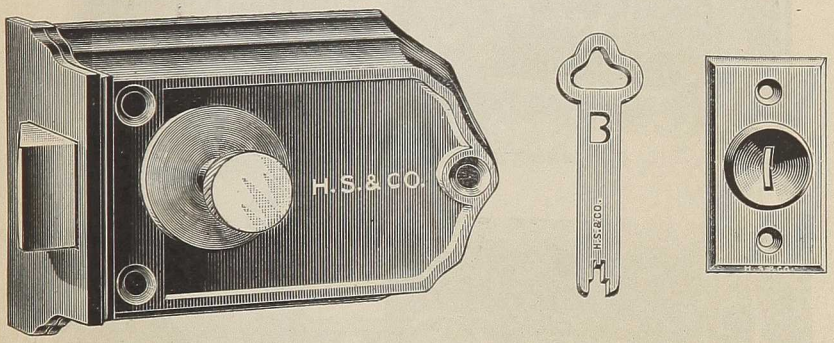
No. 558. 3¼ x 3⅝ in. Bronze Bolt, Front, Strike, Cylinder, and Knob; with 3 German Silver Keys. 5/16 in. Hub. Distance from Front to Center of Hub, 2¾ in. **In ordering, state Thickness of Door.**

Reversible for either Right or Left Hand Doors.

See Price List.

RIM NIGHT LATCHES.

(One-half-size Cuts.)



No. 151.

No. 100. 3¾ x 2½ in. Iron Bolt, Nickel-plated Knob, Bronze Ornamental Escutcheon; with 2 Nickel-plated Steel Keys. Distance from Front to Center of Keyhole, 2¼ in. Suited for Doors from ⅞ to 1⅞ in. thick.

No. 151. 4¼ x 3 in. Bronze Bolt and Escutcheon, Nickel-plated Knob; with 2 Steel Keys. Distance from Front to Center of Keyhole, 2⅝ in. Suited for Doors from 1¼ to 2¼ in. thick.

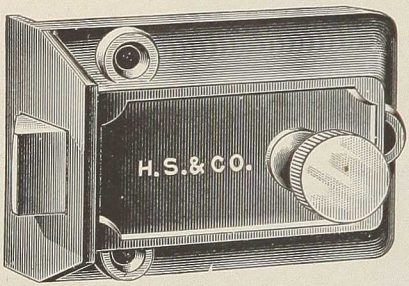
No. 250. 3⅝ x 2½ in. Bronze Bolt and Round Escutcheon, Nickel-plated Knob; with 2 Steel Keys. Distance from Front to Center of Keyhole, 2⅛ in. Suited for Doors from 1¼ to 2¼ in. thick.

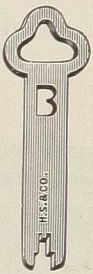
Reversible for either Right or Left Hand Doors.

See Price List.

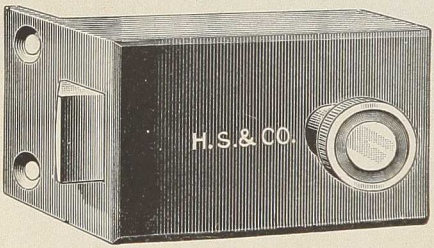
RIM NIGHT LATCHES.

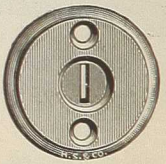
(One-half-size Cuts.)





Nos. 4978 and 5978.





No. 378.

No. 378. 1¾ x 3 in. Wrought Steel Japanned Case, Bronze Bolt, Knob, and Escutcheon; with 2 Nickel-plated Steel Keys. Distance from Front to Center of Keyhole, 2 $\frac{1}{16}$ in. Suited for Doors from ⅞ to 2 in. thick.

No. 4978. 3⅝ x 2⅜ in. Japanned Case. Bronze Bolt, Knob, and Escutcheon; with 3 Nickel-plated Steel Keys. Distance from Front to Center of Keyhole, 1⅞ in. Suited for Doors from ⅞ to 2 in. thick.

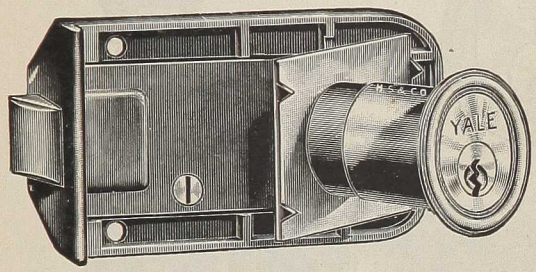
No. 5978. As No. 4978, but having Bronze Case.

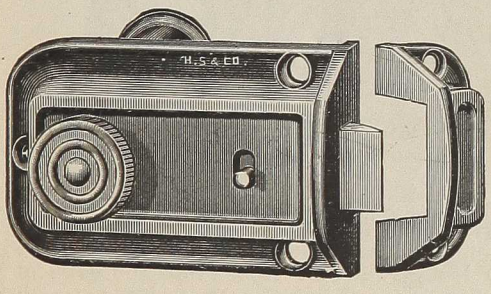
Reversible for either Right or Left Hand Doors.

See Price List.

YALE RIM NIGHT LATCHES.

(One-half-size Cuts.)





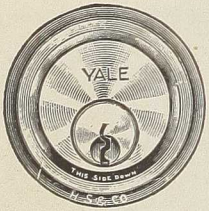
No. 25. 2¼ x 3⅝ in. Bronze Tube, Knob, and Stop; Bronze-plated Iron Bolt; unlimited number of Key Changes, with 3 Corrugated Steel Keys. Distance from Front to Center of Keyhole, 2⅜ in. Suited for Doors up to 1½ in. thick.

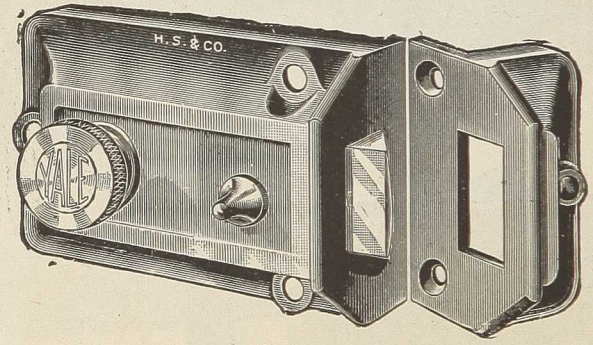
Reversible for either Right or Left Hand Doors.

See Price List.

RIM NIGHT LATCHES.

(One-half-size Cuts.)





No. 042.

No. 042. Yale. 2⅜ x 3⅝ in. Bronze Bolt, Knob, and Cylinder; with 3 German Silver Keys. Distance from Front to Center of Keyhole, 2⅜ in. Suited for Doors from ⅞ to 2¾ in. thick.

No. 356. 2½ x 3⅝ in. Bronze Bolt, Knob, and **Ball Bearing** Cylinder; with 3 German Silver Keys. Distance from Front to Center of Keyhole, 2 7/16 in. Suited for Doors from 1 to 2½ in. thick.

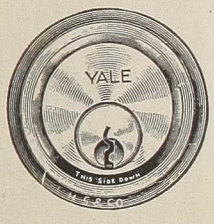
No. 356¾. Style of No. 356, but having a "Trip" in center of Latch Bolt, which is thrown back by contact with strike and secures the Latch Bolt from being forced back from the outside.

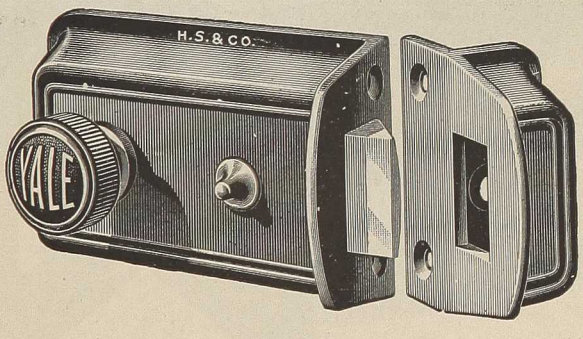
Reversible for either Right or Left Hand Doors.

See Price List.

YALE RIM NIGHT LATCHES.

(One-half-size Cuts.)





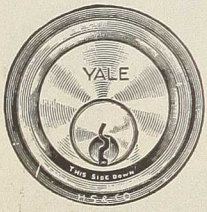
No. 42. 2⅜ x 3½ in. Iron Case, Old Copper Finish; Bronze Bolt, Cylinder, and Knobs; Key Changes unlimited. 3 German Silver Paracentric Keys. Distance from Front to Center of Keyhole, 2⅜ in. Suited for Doors from ⅞ to 2½ in. thick.

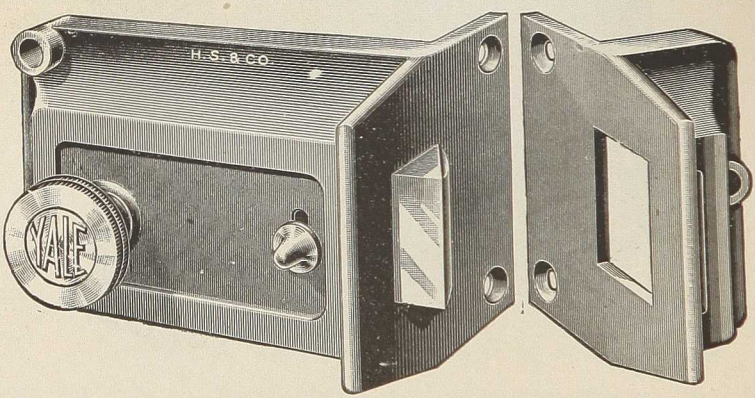
Reversible for either Right or Left Hand Doors.

See Price List.

YALE RIM NIGHT LATCHES.

(One-half-size Cuts.)





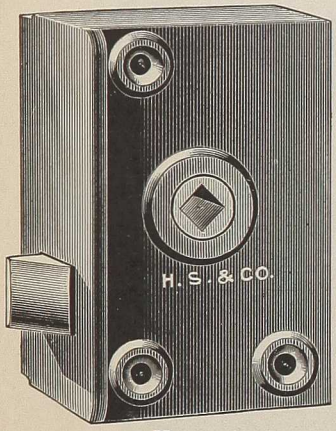
No. 742. 3 x 4 in. Bronze Bolt, Cylinder, and Knobs; with 3 German Silver Paracentric Keys. Distance from Front to Center of Keyhole, 2¾ in. Suited for Doors from 1⅛ to 3 in. thick.

Reversible for either Right or Left Hand Doors.

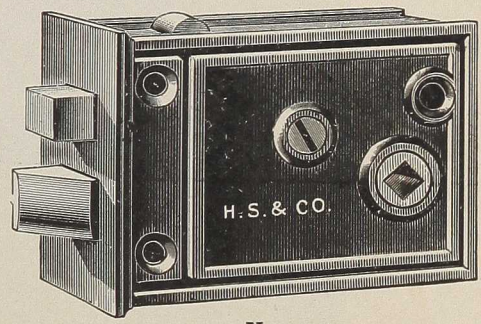
See Price List.

RIM LATCHES.

(One-half-size Cuts.)



No. 110.



No. 309.

Horizontal.

No. 309. 2½ x 3½ in. Iron Bolts, 5/16 in. Hub. Distance from Front to Center of Hub, 2¾ in.

No. 310 2½ x 3½ in. Brass Bolt, 5/16 in. Hub. Distance from Front to Center of Hub, 2¾ in. Style of No. 309, but without Slide and Top Bolt.

Upright.

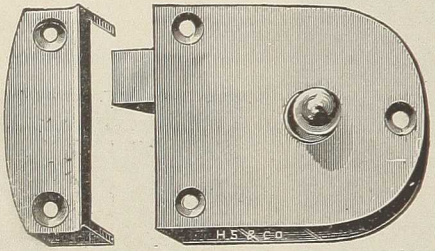
No. 110. 3⅞ x 2½ in. Brass Bolt, 5/16 in. Hub. Distance from Front to Center of Hub, 1⅜ in.

No. 355. 3 x 1¾ in. Iron Bolt, 5/16 in. Hub. Distance from Front to Center of Hub, 1 3/16 in. Style of No. 309, having Slide and Top Bolt.

See Price List.

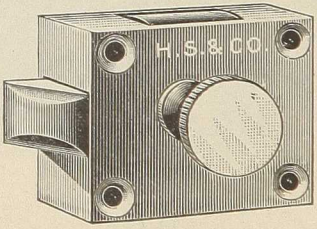
SECRET LATCHES.

(One-half-size Cuts.)



No. 152. 2½ x 2⅛ in. Japanned Case, Brass Knob, Iron Latch.

No. 153. 2½ x 2⅛ in. Bronze, Polished.

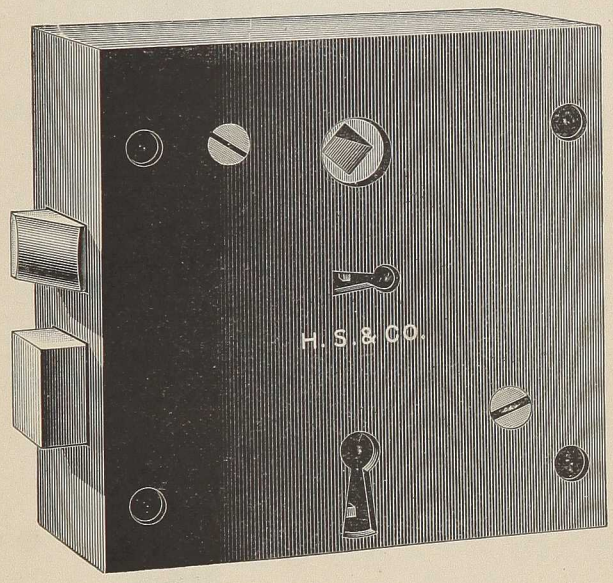


No. 117. 2¼ x 1⅞ in. Bronze, Polished.

Reversible by taking off Cap Plate and turning Latch over.

IRON GATE LOCKS.

(One-half-size Cuts.)



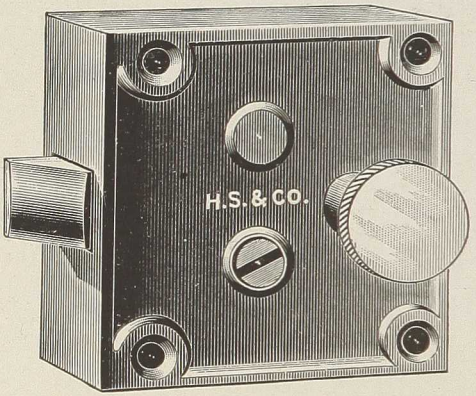
No. 1717¾. 5 x 5 in. Japanned Case, Brass Bolts, and Draw-back, with Brass Main Key and 2 Brass Night Keys. 5/16 in. Fast Hub.

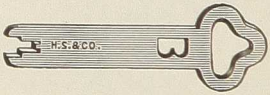
To change the Hand, take off the Cap Plate and reverse Latch.

See Price List.

IRON GATE LOCKS.

(One-half-size Cuts.)



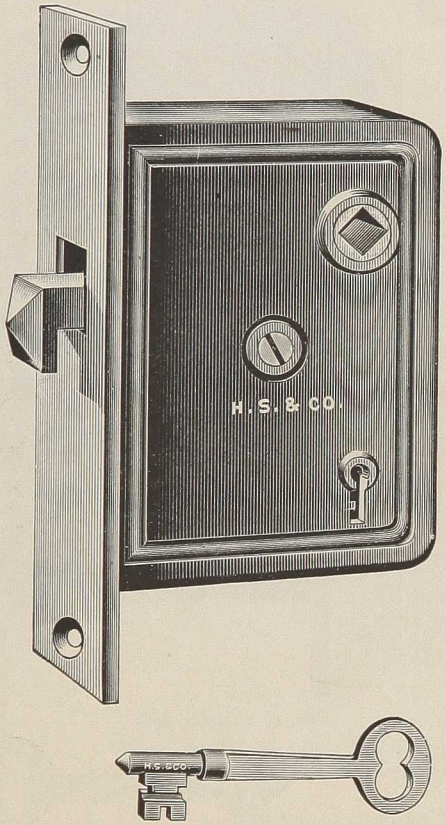


No. 252. 3½ x 3½ in. Japanned Case, Brass Bolt, Nickel-plated Knob; 4 Tumblers, 36 Changes, with 2 Flat Steel Keys. Distance from Front to Center of Keyhole, 1½ in.

See Price List.

SLIDING DOOR MORTISE KNOB LOCKS.

(One-half-size Cuts.)



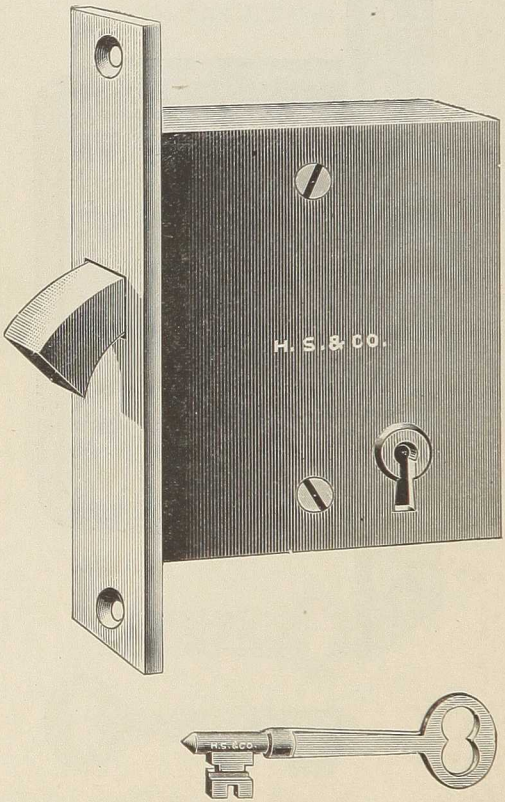
No. 307. 4½ x 3¼ in. Brass Front, Strike, and Bolt; Nickel-plated Steel Key. 5/16 in. Hub. Distance from Front to Center of Hub, 2½ in.

See Price List.

SLIDING DOOR MORTISE DEAD LOCKS.

FOR BARN OR STABLE DOORS.

(One-half-size Cuts.)

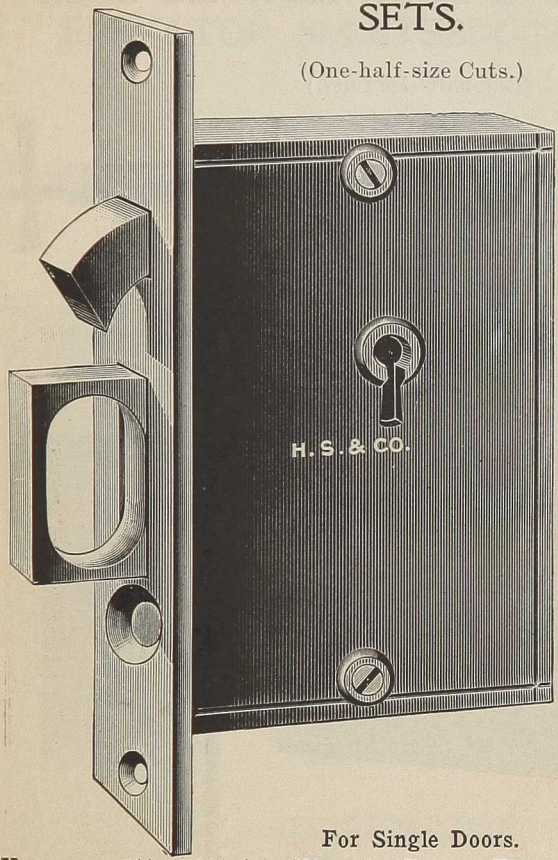


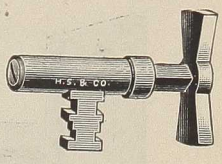
No. 284. 4 x 3½ in. Brass Front, Strike, and Bolt; 24 Changes, with Nickel-plated Steel Key. Distance from Front to Center of Keyhole, 2⅝ in.

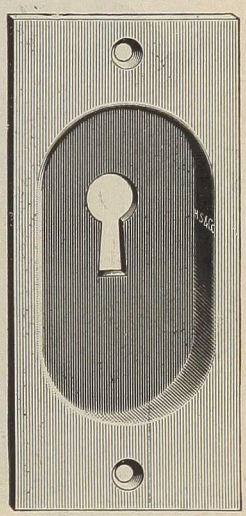
See Price List.

FLUSH SLIDING DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)







For Single Doors.

No. 1092. 5¼ x 3⅜ in. Wrought Bronze Front, Strike, and 2 Cup Escutcheons, No. 986¼, 4⅝ x 2⅛ in.; Cast Bronze Bolts and Extension Key.

No. 1092, 22¼ Finish. As above, but Antique Copper Finish.

For Double Doors.

No. 1100. As No. 1092, but having 4 Cup Escutcheons, No. 986¼.

No. 1100, 22¼ Finish. As No. 1100, but Antique Copper Finish.

No. N13100. As No. 1100, but Iron, Bronze-plated.

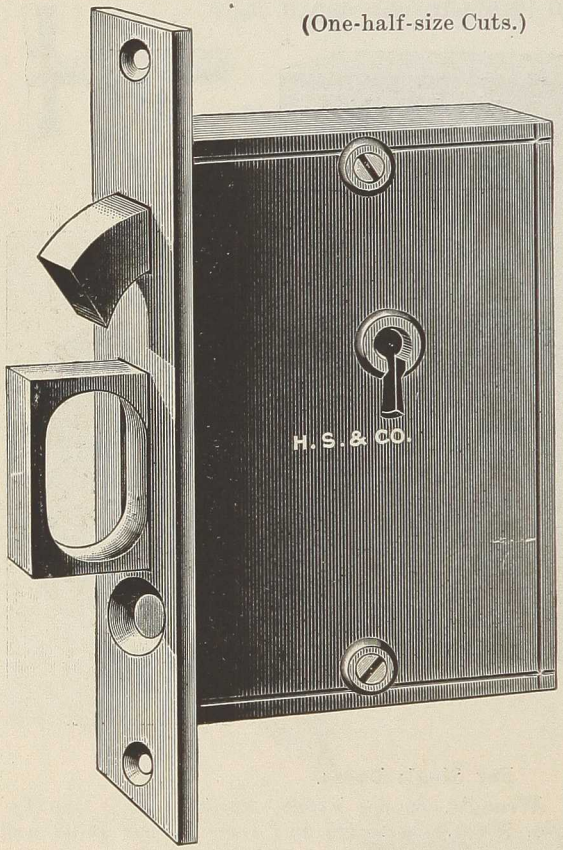
No. R13100. As No. 1100, but Iron, Antique Copper Finish.

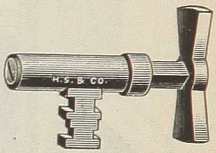
Distance from Front to Center of Keyhole, 2 1/16 in.

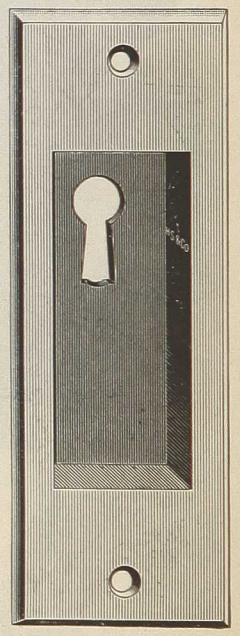
See Price List.

FLUSH SLIDING DOOR MORTISE LOCK SETS.

(One-half-size Cuts.)







No. 1292. 5½ x 3½ in. Cast Bronze Front, Strike, Bolts, and Extension Key, with 2 Cast Bronze Cup Escutcheons, No. 0987, 5¾ x 2 in. For Single Doors.

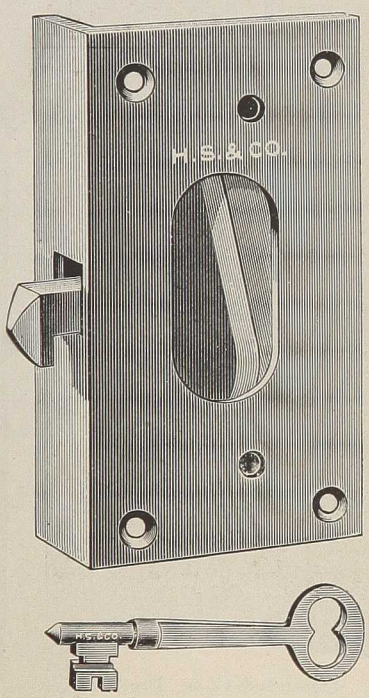
No. 1300. Same as No. 1292, with 4 Cast Bronze Cup Escutcheons, No. 0987, 5¾ x 2 in. For Double Doors.

Distance from Front to Center of Hub, 1⅞ in.

See Price List.

ELEVATOR SLIDING DOOR LATCHES.

(One-half-size Cuts.)

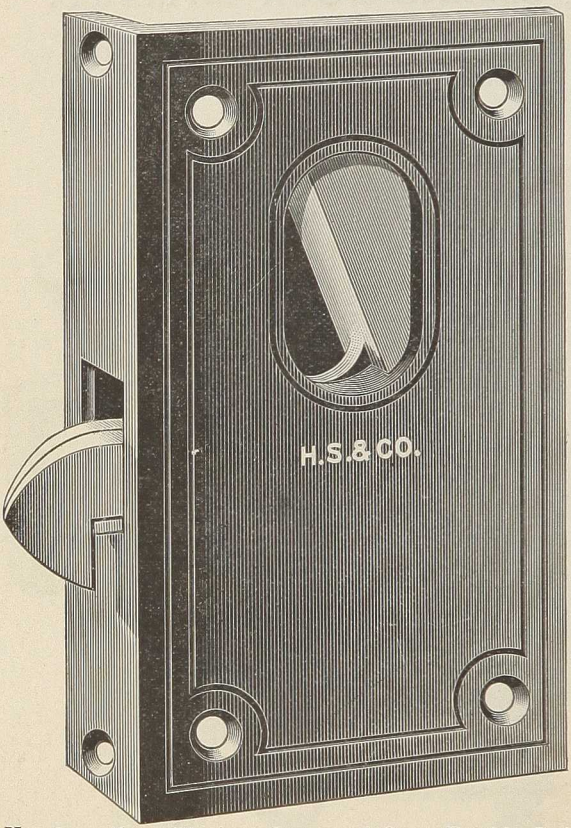


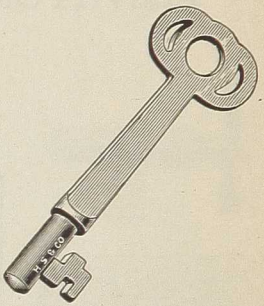
No. 1220. 5 x 2⅝ in. Bronze Metal, with Nickel-plated Steel Key. Reversible.

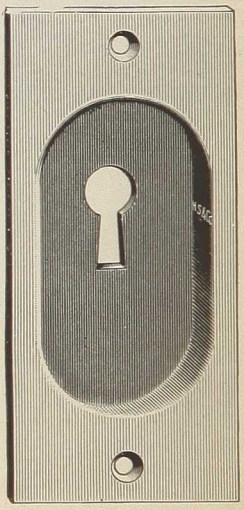
No. 2392. 5½ x 3 in. Bronze Metal, with Steel Key. Reversible.

SLIDING BARN DOOR LOCK.

(One-half-size Cuts.)







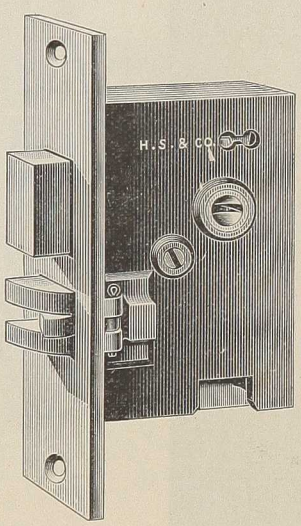
No. 80. 4¼ x 7½ in. Japanned Case, Double Safety Bolts, with 2 Tinned Keys. Operated from the outside by Key, on the inside by Lever. 1 Japanned Escutcheon, 2½ x 5½ in. It is impossible to raise the bolt from the outside by inserting any appliance under it between the casing and the door, as the inner bolt, which must be raised first, is protected by a lip on the outer bolt extending under the inner bolt, so that anything inserted under the outer bolt comes in contact with this lip and cannot touch the inner bolt.

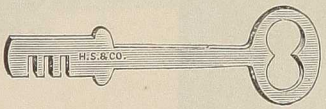
In ordering, state Hand required; cut shows Left Hand.

See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)





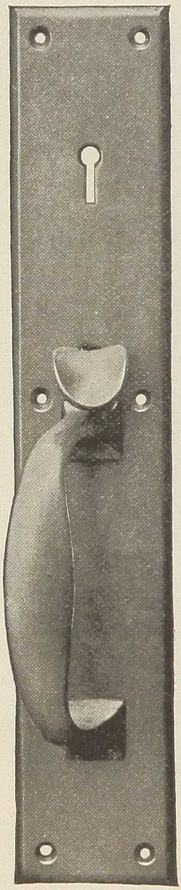
No. R3126½ x R386¼. Handle No. R3126½; 12¼ x 2¾ in. Iron, Antique Copper Finish. Lock No. R386¼; 4½ x 3 in. Iron, Antique Copper Finish, Bronze Reversible Anti-Friction Latch and Bolt; 3 Tumblers, with 2 Nickel-plated Steel Keys.

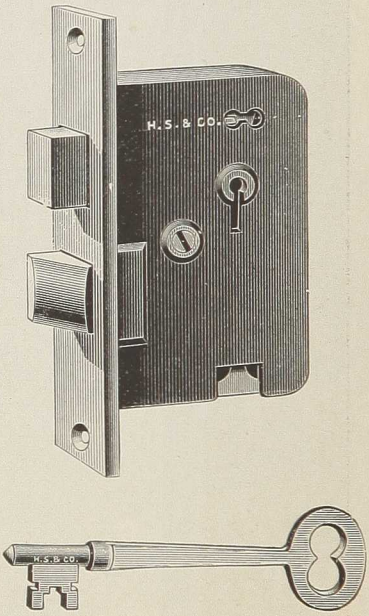
No. N3126½ x N386¼. Same as above, but Bronze Plated.

See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)





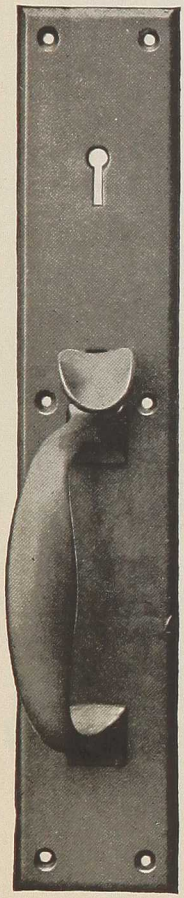
No. 01115 x 0181. Handle No. 01115; 12¾ x 2⅜ in. Wrought Bronze, Polished. Lock No. 0181; 4½ x 3 in. Bronze Front, Strike, and Bolt; 3 Tumblers, with 2 Nickel-plated Steel Keys.

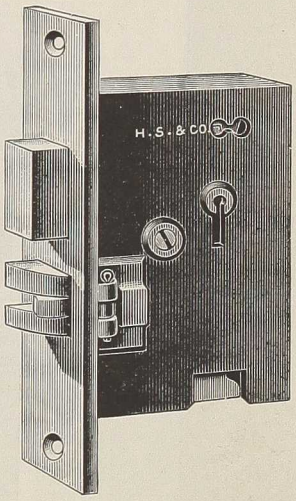
To change Hand, take off Cap Plate and reverse Latch.

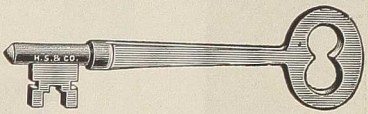
See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)





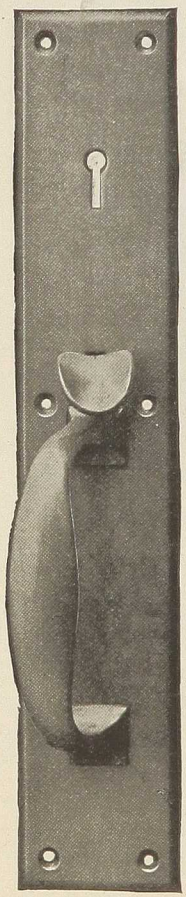


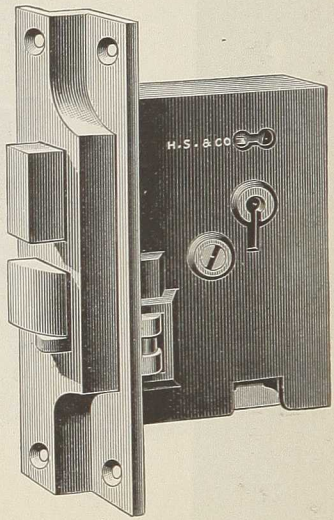
No. 1115 x 181. Handle No. 1115; 12¾ x 2⅜ in. Wrought Bronze, Polished. Lock No. 181; 4½ x 3 in. Bronze Front, with Reversible Anti-Friction Latch and Bolt; 3 Tumblers, with 2 Nickel-plated Steel Keys.

See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)





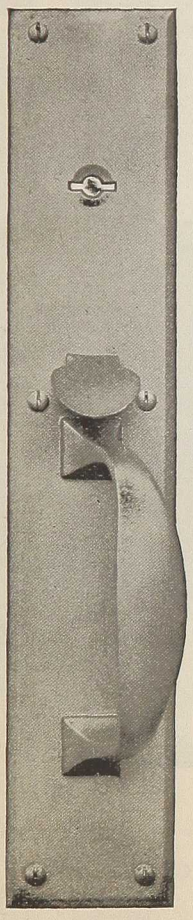
No. 1115 x 183. Handle No. 1115; 12¾ x 2⅜ in. Wrought Bronze, Polished. Lock No. 183; 4½ x 2¾ in. Bronze Front, with Anti-Friction Latch and Bolt; 3 Tumblers, with 2 Nickel-plated Steel Keys.

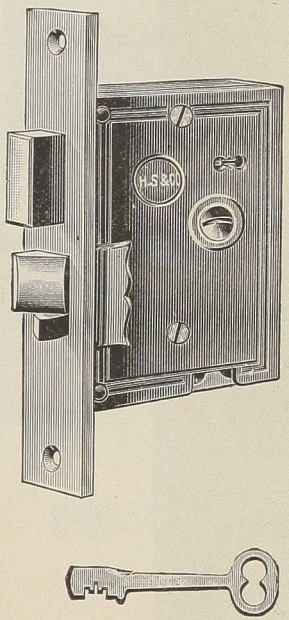
In ordering, state Hand required.

See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)



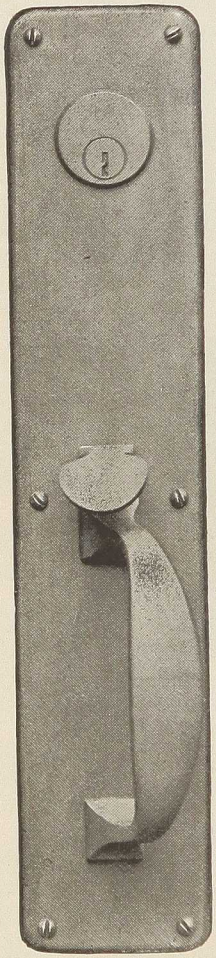


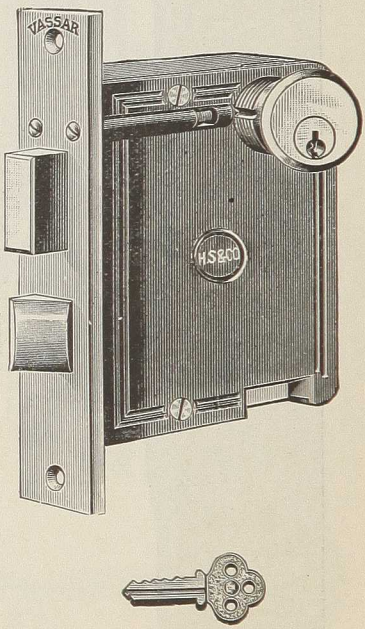
No. P2330¾ x F1145½. Handle No. P2330¾; 12¾ x 2⅜ in. Wrought Bronze, Antique Copper Finish. Lock No. F1145½; 4½ x 3 in. Bronze, Antique Copper Finish, Front, with Reversible Anti-Friction Latch and Bolt; 3 Tumblers, 72 Changes, with 2 Nickel-plated Flat Steel Keys.

See Price List.

STORE DOOR LOCKS AND HANDLES.

(One-third-size Cuts.)



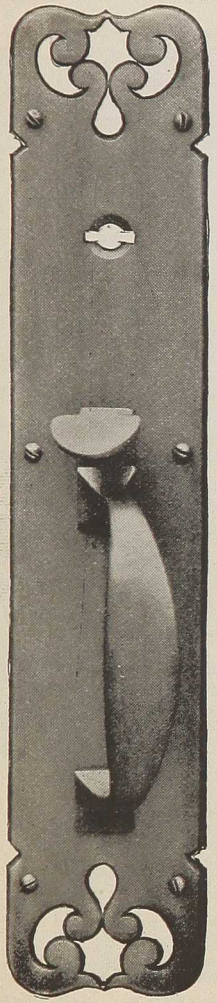


DESIGN "CONCORD."

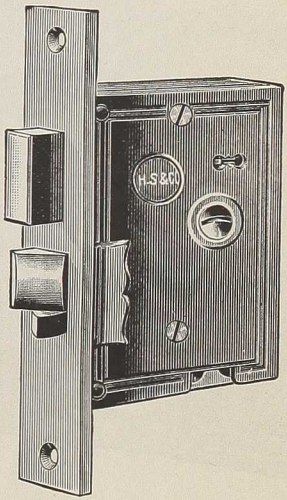
No. 2340 x 1545½. Handle No. 2340; 13½ x 2¾ in. Cast Bronze, Polished. Lock No. 1545½; 5¼ x 3⅝ in. Bronze Front, Strike, Bolt, and 2 Cylinders, with 4 German Silver Keys. Reversible by taking off Cap Plate. Suited for Doors from 1¾ to 2¼ in. thick.

See Price List.

STORE DOOR LOCKS AND HANDLES.



(One-third-size Cuts.)



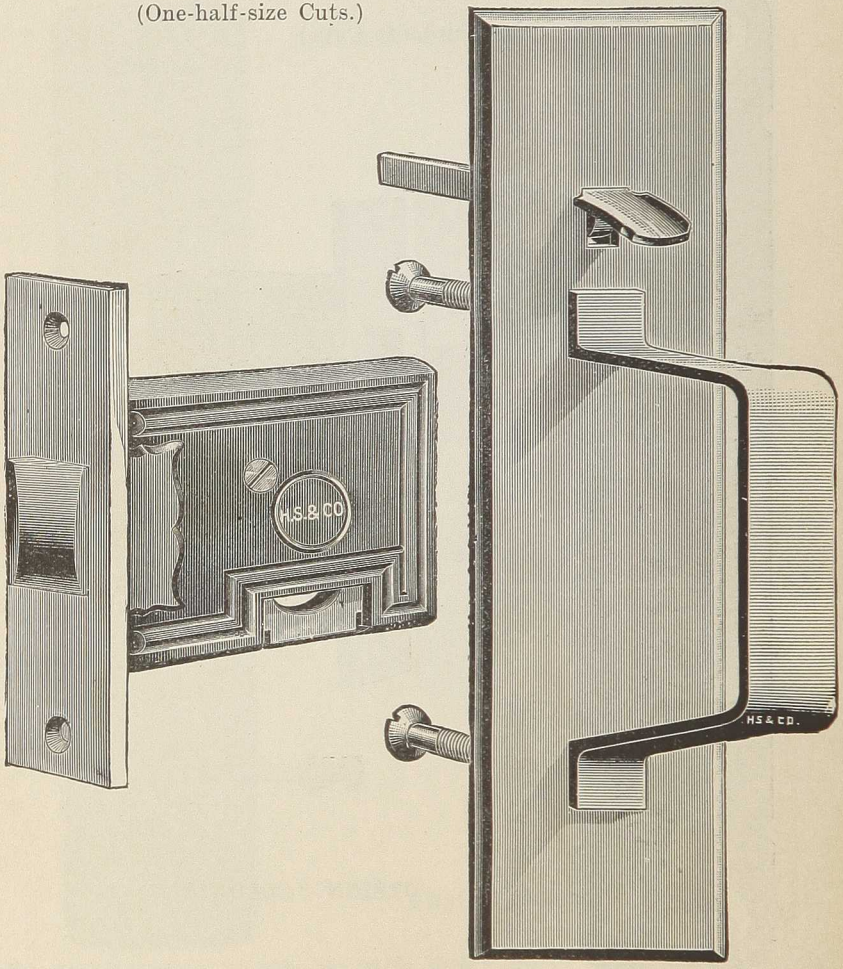
DESIGN "COLONIAL."

No. 2328 x F1145½. Handle No. 2328; 14 x 2¾ in. Cast Bronze, Polished. Lock No. F1145½; 4½ x 3 in. Bronze Front, with Reversible Anti-Friction Latch and Bolt; 3 Tumblers, 72 Changes, with 2 Nickel-plated Flat Steel Keys.

See Price List.

STORE DOOR HANDLES AND LATCHES.

(One-half-size Cuts.)



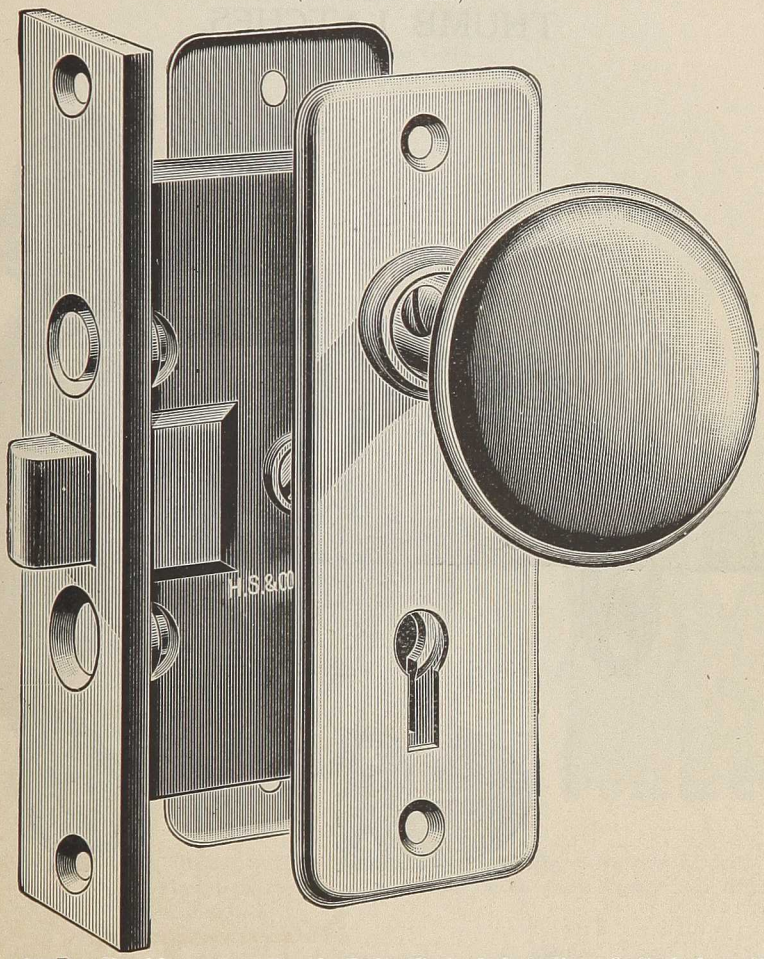
No. P1115¾. Latch; 2¾ x 3¼ in. Bronze Front, Strike, and Bolt, with Anti-Friction Roller Strike. Handles; Plain Bronze, 8⅞ x 2⅜ in.

To change the Hand, take off Cap Plate and reverse Latch.

See Price List.

MORTISE SCREEN DOOR LATCHES.

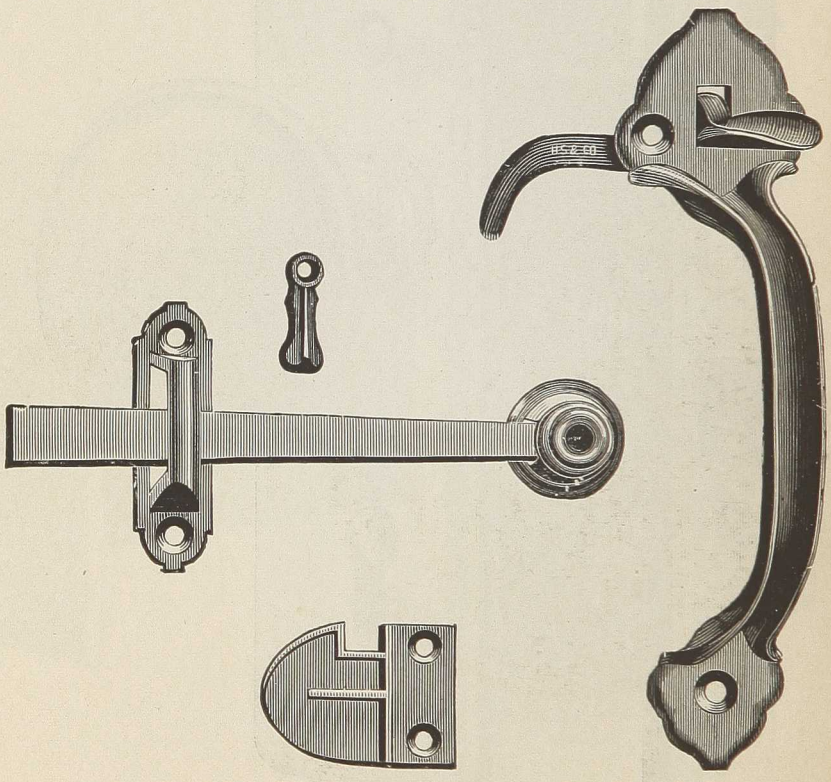
(Full-size Cut.)



No. 5866P. Double-acting Latch Bolt, Swivel Spindle. Suited for either Right or Left Hand Doors from 7/8 to 1½ in. thick; also for Doors swinging both ways. 2 Nickel-plated Steel Keys; 2 Escutcheons, 1 Knob, and 1 Lever Handle, all Bronze Polished, are packed with each set.

See Price List.

THUMB LATCHES.

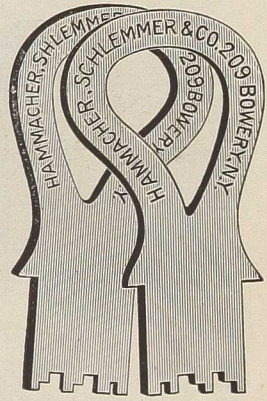


No. 3. Japanned.
No. 5. Japanned. Heavy.
No. 1984. Berlin Bronzed.

See Price List.

PAD LOCKS.

(Full-size Cuts.)



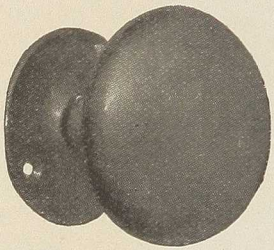
No. 04131. Cast Brass, Self-locking, Spring Shackle, 6 Secure Levers, with 2 Nickel-plated Flat Steel Keys to each lock. All different in a dozen.

We carry a regular line of padlocks, suitable to the various demands. No. 04131, shown above, is particularly recommended as a strong, very reliable and moderate-priced lock and is exceedingly neat and trim in appearance.

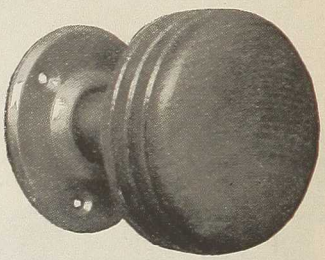
See Price List.

DOOR KNOBS.

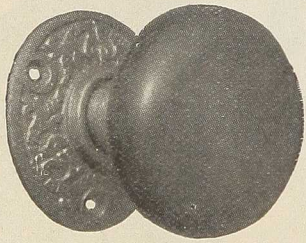
(One-half-size Cuts.)



Nos. 500 and 505.
Style of Nos. 310 to 555.



No. 231.
Without Mountings, No. 230.



Nos. N3700 and N3700½.

No. No3523.

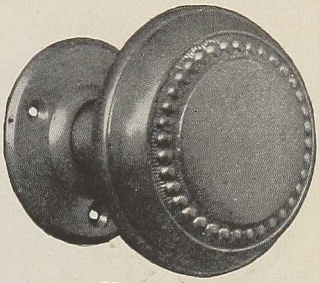
No. 230. 2¼ in. Mortise. Ash, Oak, or Cherry, without Mountings.
No. 231. 2¼ in. Mortise. Ash, Oak, or Cherry, Bronze Mountings.
No. 310. 1¾ in. Mortise. Porcelain, Japanned Mountings.
No. 500. 2¼ in. Mortise. Mineral, Japanned Mountings.
No. 505. 2¼ in. Rim. Mineral, Japanned Mountings.
No. 510. 2¼ in. Mortise. Porcelain, Japanned Mountings.
No. 512. 2¼ in. Mortise. Ebony, Coppered Mountings.
No. 515. 2¼ in. Rim. Porcelain, Japanned Mountings.
No. 517. 2¼ in. Rim. Ebony, Coppered Mountings.
No. 550. 2¼ in. Mortise. Porcelain, Porcelain Mountings.
No. 555. 2¼ in. Rim. Porcelain, Porcelain Mountings.
No. No3523. 2¼ in. Mortise. Bronze Plated.
No. N3700. 2¼ in. Mortise. Jet, Bronze-plated Mountings.
No. N3700½. 2¼ in. Rim. Jet, Bronze-plated Mountings.

See Price List.

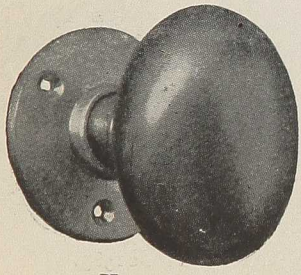
DOOR KNOBS.

(One-half-size Cuts.)

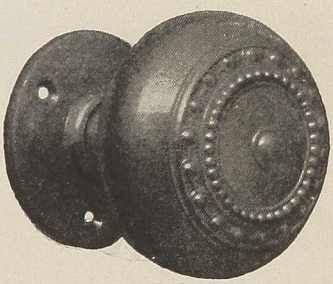
No. 5400.
Style of No. 5401.
Design "Parthenon."



No. 5490.
Style of No. 5491.
Design "Wrought Regal."



No. 1508.



No. 5330.
Style of No. 5331.
Design "Como."

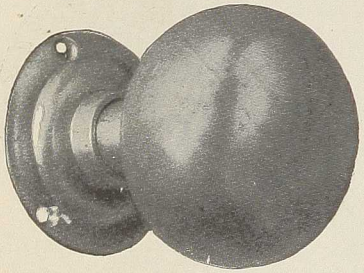
* No. 1508.	2½ in.	Mortise.	Bronze Metal, Polished. Oval.
No. 5330.	2½ in.	Mortise.	Bronze Metal, Antique Copper Finish.
No. 5331.	2¼ in.	Mortise.	Bronze Metal, Antique Copper Finish.
No. 5400.	2½ in.	Mortise.	Bronze Metal, Antique Copper Finish.
No. 5401.	2¼ in.	Mortise.	Bronze Metal, Antique Copper Finish.
No. 5490.	2½ in.	Mortise.	Bronze Metal, Polished.
No. 5491.	2¼ in.	Mortise.	Bronze Metal, Polished.

* With or without roses.

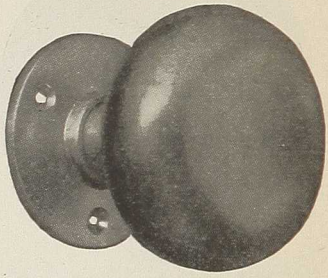
See Price List.

DOOR KNOBS.

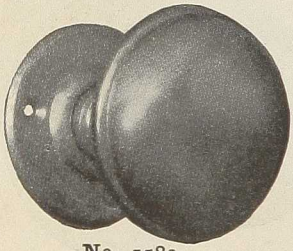
(One-half-size Cuts.)



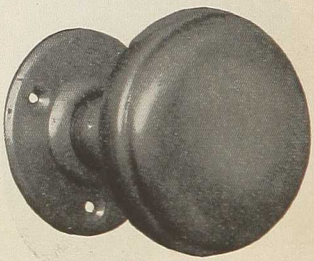
No. 1511.
Style of No. 1512.



No. 1518½.
Style of Nos. 1519½ and 1919.



No. 1583.



No. 01583.

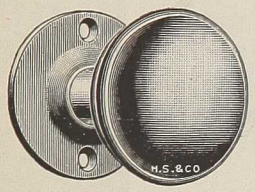
* No. 1511.	2½ in.	Mortise.	Bronze Metal, Polished.	Ball.
* No. 1512.	2¼ in.	Mortise.	Bronze Metal, Polished.	Ball.
* No. 1518½.	2½ in.	Mortise.	Bronze Metal, Polished	
* No. 1519½.	2¼ in.	Mortise.	Bronze Metal, Polished.	
No. 1583.	2¼ in.	Mortise.	Bronze Metal, Antique Copper Finish.	
No. 1583.	2¼ in.	Mortise.	Bronze Metal, Polished.	
No. 01583.	2¼ in.	Mortise.	Bronze Metal, Polished.	
No. 1919.	1¾ in.	Mortise.	Bronze Metal, Polished.	

* With or without roses.

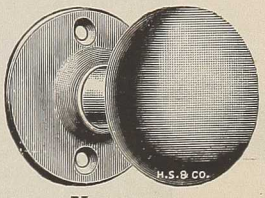
See Price List.

MORTISE BOLT KNOBS.

(One-half-size Cuts.)



No. 1548.

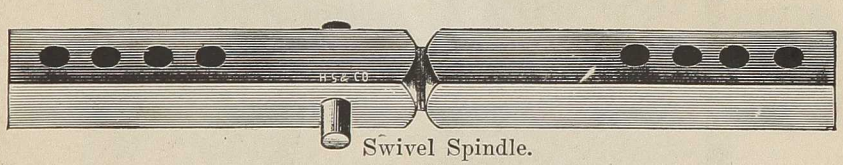


No. 1919.

No. 1919. 1¾ in. Knob. Bronze, Polished. 5/16 in. Spindle.
No. 1548. 1⅝ in. Knob. Bronze, Polished. 5/16 in. Spindle.

KNOB SPINDLES.

Plain Spindle.

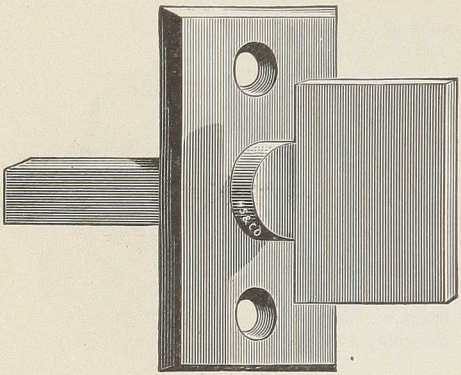


Swivel Spindle.

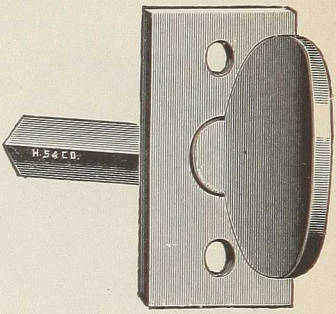
No. 5. Plain. 5/16 in. x 3½ in., 1½ to 2¼ in. Extension. For Rim Knobs.
No. 6. Plain. 5/16 in. x 3¾ in., 1¾ to 2½ in. Extension. For Rim Knobs.
No. 7. Plain. 5/16 in. x 4 in., 1¾ to 2½ in. Extension. For Rim Knobs.
No. 20. Plain. ⅜ in. x 5 in., 1½ to 3¼ in. Extension. For Mortise Knobs.
No. 10. Swivel. 5/16 in. x 4½ in, 1¼ to 2¾ in. Extension. For Mortise Knobs.
No. 11. Swivel. 5/16 in. x 5¼ in., 1½ to 3 in. Extension. For Mortise Knobs.
No. 22. Swivel. ⅜ in. x 5½ in., 1½ to 3¼ in. Extension. For Mortise Knobs.
No. 15. Swivel. 2¾ in. 1¼ to 1¾ in. Extension. For Closet Spindles.

See Price List.

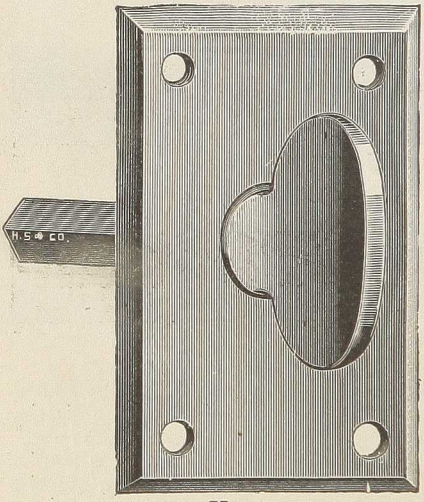
THUMB PIECES.



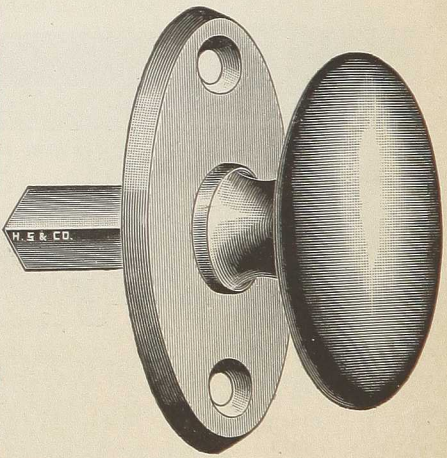
No. 052½.



No. 2146.



No. 2147.



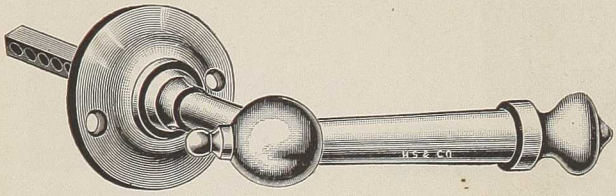
No. 02148¼.

No. 052½.	Bronze Metal, Polished.	¼	in. Spindle.
No. 2146.	Bronze Metal, Polished.	3/16	in. Spindle.
No. 02148¼.	Bronze Metal, Polished.	5/16	in. Spindle.
No. 2147.	Bronze Metal, Polished.	5/16	in. Spindle.

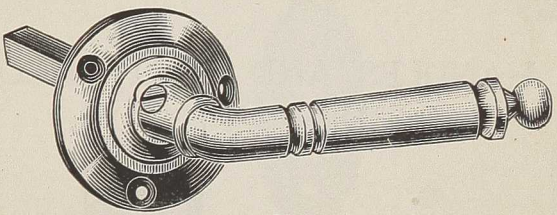
See Price List.

CRANK HANDLES.

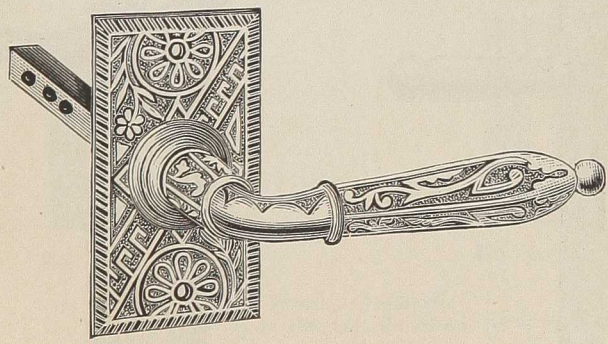
(One-half-size Cuts.)



No. 1.



No. 3.



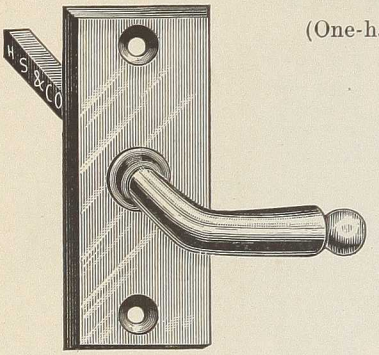
No. 2.

No. 1. 1⅞ in. Bronze Metal, Polished.
No. 2. 1½ x 3 in. Bronze Metal, Polished.
No. 3. 1¾ in. Bronze Metal, Polished.

See Price List.

CRANK HANDLES.

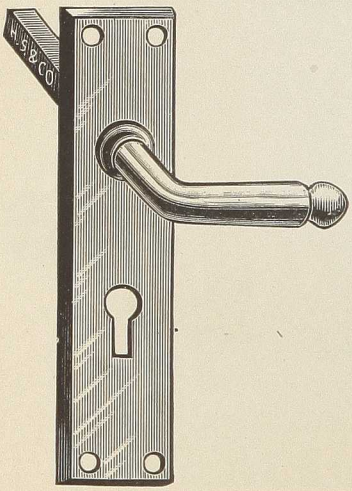
(One-half-size Cut.)



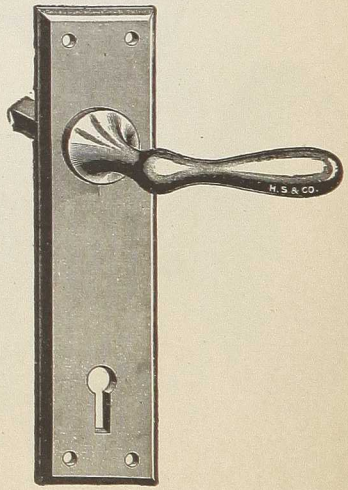
No. 2117¼.
1¼ x 2½ in. Bronze Metal, Polished.

LEVER HANDLES AND ESCUTCHEONS.

(One-half-size Cuts.)



No. 2117.



No. P1510 x P1518.

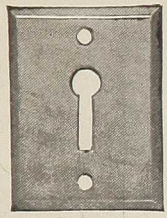
No. 2117. 1 x 4⅜ in. Bronze Metal, Polished, for Lock No. 156⅞.

No. P1510 x P1518. 1⅛ x 4½ in. Bronze Metal, Polished, for Lock No. 0101½.

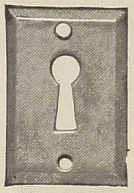
See Price List.

PLATE ESCUTCHEONS.

(One-half-size Cuts.)



No. 2590½.
Style of Nos. 1354 and 2454.



No. 2596½.

No. 5498½.

No. N3104½.

No. 5408½.

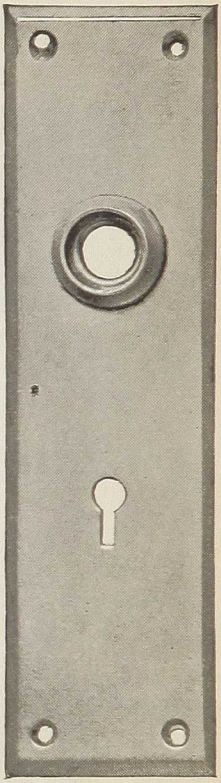
No. 1354. 2¼ x 1¼ in. Cast Bronze, Polished.
No. 2454. 2 x 1⅛ in. Wrought Bronze, Polished, with Swivel Center for Flat Keys.
No. 2590½. 2 x 1½ in. Wrought Bronze, Polished.
No. 2596½. 1¾ x 1¼ in. Wrought Bronze, Polished or Antique Copper Finish.
No. N3104½. 1¾ x 1⅛ in. Wrought Iron, Bronze Plated.
No. 5408½. 2 x 1⅛ in. Cast Bronze, Antique Copper Finish.
No. 5498½. 2¼ x 1⅛ in. Cast Bronze, Polished.

See Price List.

No. 02562¼.

ESCUTCHEONS.

(One-half-size Cuts.)



No. 2589.

Style of No. 02562¼.

No. 02562.	2¾ x 10 in.	Wrought Bronze, Polished.	For Locks Nos. 1230½ and 1350.
No. 02562¼.	2¼ x 7¼ in.	Wrought Bronze, Polished.	For Locks Nos. 1220½ and 1340.
No. 02570.	1½ x 5½ in.	Wrought Bronze, Polished.	For Locks Nos. K961½, 962, and 1285.
No. No3570.	1½ x 5½ in.	Wrought Steel, Bronze Plated.	For Locks Nos. K961½, 962, and 1285.

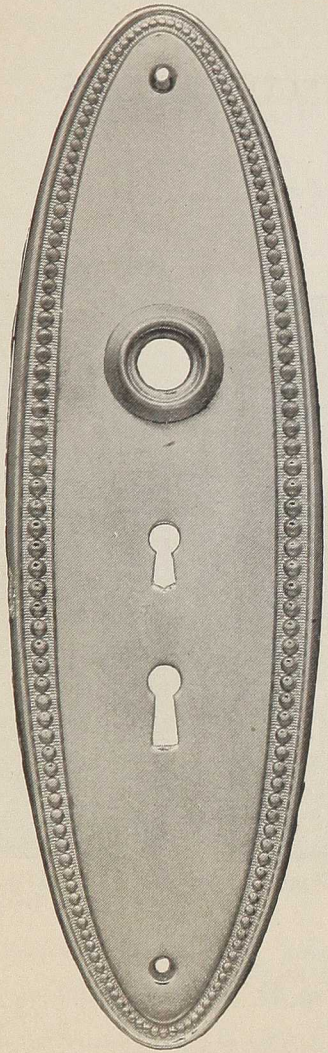
Style of No. 2589.

No. 2571¼.	1½ x 5⅜ in.	Wrought Bronze, Polished.	For Locks Nos. K961½, 962, and 1285.
No. 2582¼.	2⅞ x 10 in.	Cast Bronze, Polished.	For Lock No. 1345.
No. 2582½.	2⅝ x 8 in.	Cast Bronze, Polished.	For Lock No. 1339.
No. 2588.	2½ x 9½ in.	Wrought Bronze, Polished.	For Lock No. 1350.
No. 2589.	2 x 7¼ in.	Wrought Bronze, Polished.	For Locks Nos. 1230½, 1340, 1330, and 1230.
No. 2589½.	1⅞ x 6⅛ in.	Wrought Bronze, Polished.	For Locks Nos. 4½ in. City, 1363, and 1365.

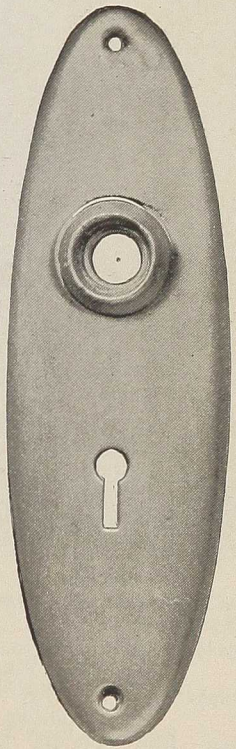
See Price List.

ESCUTCHEONS.

(One-half-size Cuts.)



No. 5492. Style of No. 5492¼.
Design "Wrought Regal."



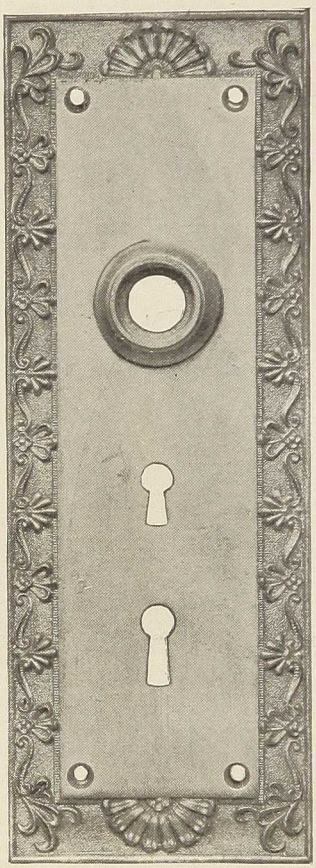
No. 1131¼.
Design "Putnam."

No. 1131¼. 7⅛ x 2⅛ in. Wrought Bronze, Polished. For Locks Nos. 1285, 1085¼, and 1385¾.
No. 5492. 10 x 3 in. Wrought Bronze, Polished. For Lock No. 1230¼.
No. 5492¼. 7 x 2½ in. Wrought Bronze, Polished. For Lock No. 1220¼.

See Price List.

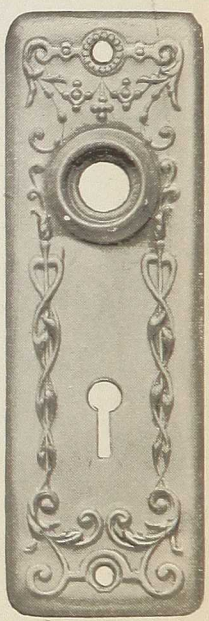
ESCUTCHEONS.

(One-half-size Cuts.)



No. 5402½.
Style of Nos. 5402 and 5402¼.
"Parthenon" Design.

No. N3971¼.



No. 131¼.
"Clifton" Design.

No. 131¼. 5¾ x 1⅞ in. Wrought Steel, Antique Copper Finish. For Locks Nos. 1285, 1085¼, and 1385¾.

No. N3971¼. 5⅜ x 1½ in. Wrought Steel, Bronze Plated. For Locks Nos. K961½, 962, and 1285.

No. 5402. 9½ x 2⅞ in. Cast Bronze, Antique Copper Finish. For Locks Nos. 1230¼ and 1345.

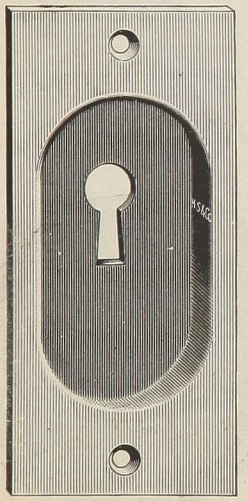
No. 5402¼. 6⅜ x 2¼ in. Cast Bronze, Antique Copper Finish. For Lock No. 1220¼.

No. 5402½. 8 x 2⅞ in. Cast Bronze, Antique Copper Finish. For Lock No. 1339.

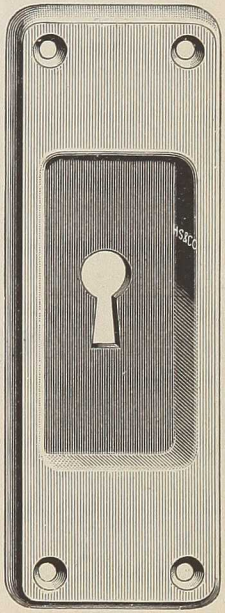
See Price List.

FLUSH CUP ESCUTCHEONS.

(One-half-size Cuts.)



No. 986¼.



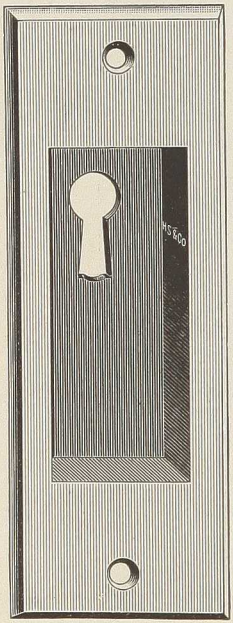
No. 0597½.
Style of No. 0989¾.

No. 0597½.	2 x 5¾ in.	Wrought Bronze, Polished.
No. 986¼.	2⅛ x 4⅝ in.	Wrought Bronze, Polished.
No. 0989¾.	2⅜ x 6¾ in.	Cast Bronze, Polished.

See Price List.

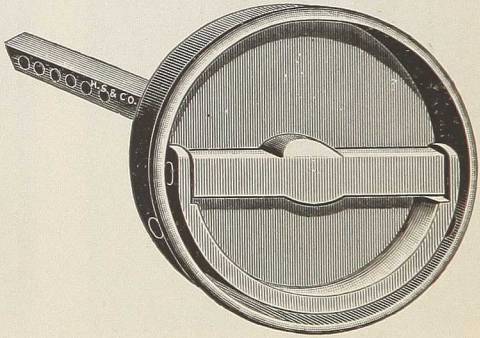
FLUSH CUP ESCUTCHEONS.

(One-half-size Cuts.)



No. 0987.

FLUSH CUP AND T HANDLE.



No. 515.

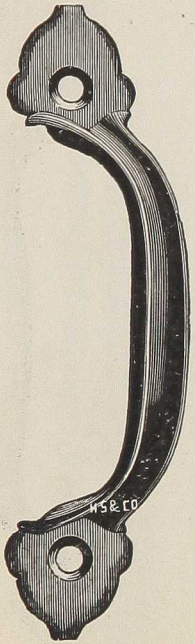
No. 515. 3 in. diameter. Cast Bronze, Polished.

No. 0987. 2 x 5¾ in. Cast Bronze, Polished.

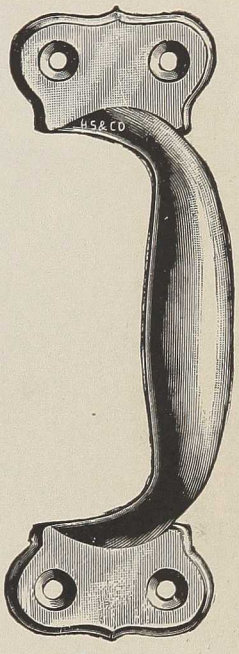
See Price List.

DOOR PULLS.

(One-half-size Cuts.)



No. 502.



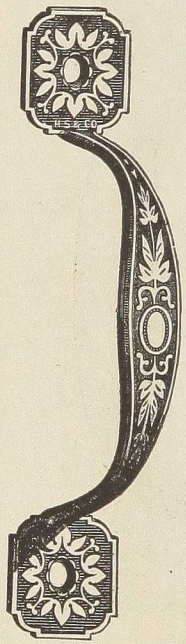
No. 504.
Style of Nos. P01155 and 12250.

No. 502. 6 in. Iron, Japanned.
No. 504. 6 in. Iron, Japanned. Heavy.
No. P01155. 5½ in. Cast Bronze, Polished.
No. 12250. 4⅜ in. Cast Bronze, Polished.

See Price List.

DOOR PULLS.

(One-half-size Cuts.)



No. 3203.
Style of No. 3202.

No. 3208.

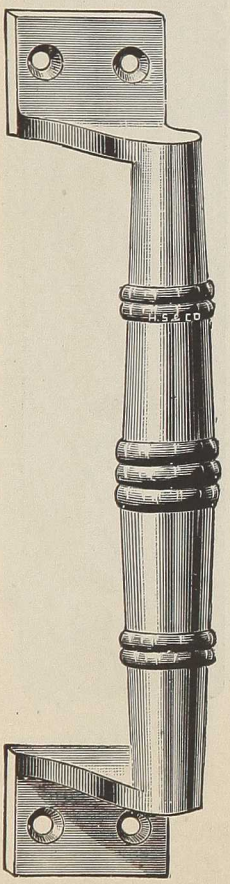
No. P1145.
Style of Nos. P1144 and P1137.

No. P1137. 3½ in. Cast Bronze, Polished.
No. P1144. 5 in. Cast Bronze, Polished.
No. P1145. 6 in. Cast Bronze, Polished.
No. 3202, No. 11 Finish. 5 in. Iron, Copper Plated.
No. 3203, No. 11 Finish. 6 in. Iron, Copper Plated.
No. 3208, No. 11 Finish. 6 in. Iron, Copper Plated.

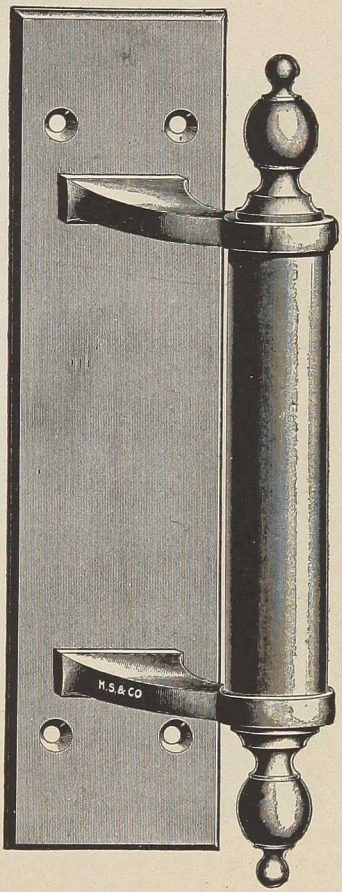
See Price List.

STORM DOOR PULLS.

(One-half-size Cuts.)



P1160.



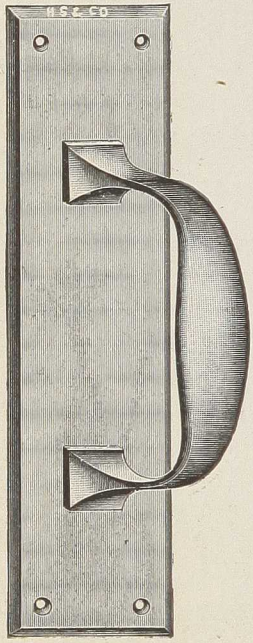
P1168.

No. P1160. 8¼ in. Cast Bronze, Polished.
No. P1168. 8 x 2 in. Cast Bronze, Polished.

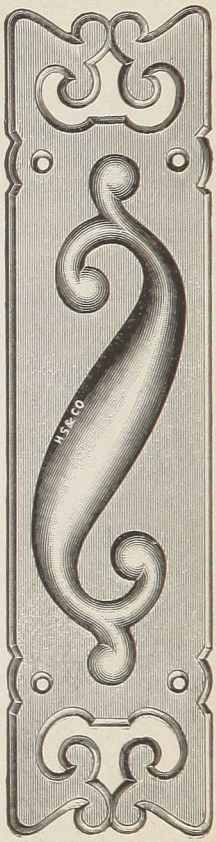
See Price List.

STORM DOOR PULLS.

(One-third-size Cuts.)



No. 2209.



No. 2397.
Left Hand.

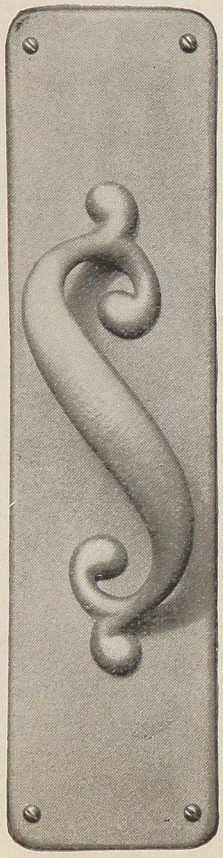
No. 2209. 9 x 2½ in. Wrought Bronze, Polished.
* **No. 2397.** 11½ x 2⅞ in. Wrought Bronze, Polished.
* **No. 02397.** 12 x 3 in. Wrought Bronze, Polished. Plate as on No. 2209; Handle as on 2165, opposite page.

*** In ordering, mention Hand wanted.**

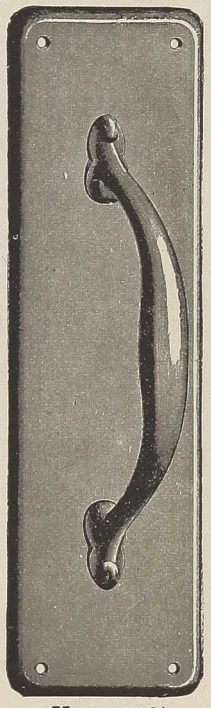
See Price List.

STORM DOOR PULLS.

(One-third-size Cuts.)



No. 2165. Right Hand.



No. 2165¼.

DESIGN "CONCORD."

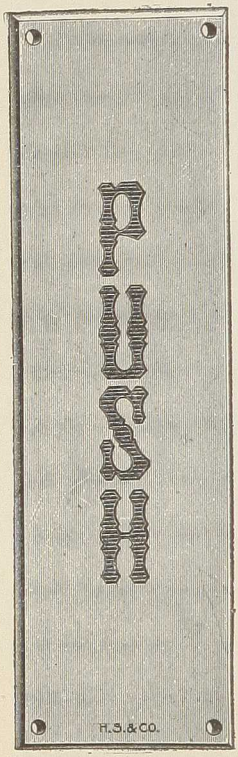
* No. 2165. 12 x 3 in. Cast Bronze, Polished.
* No. 2165. 12 x 3 in. Cast Bronze, Antique Copper Finish.
No. 2165¼. 9¾ x 2¾ in. Wrought Bronze, Polished.

*** In ordering, mention Hand wanted.**

See Price List.

PUSH AND PULL PLATES.

(One-third-size Cuts.)



No. 841.
Style of No. 851.

No. P2276.
Style of Nos. 1 and 4.

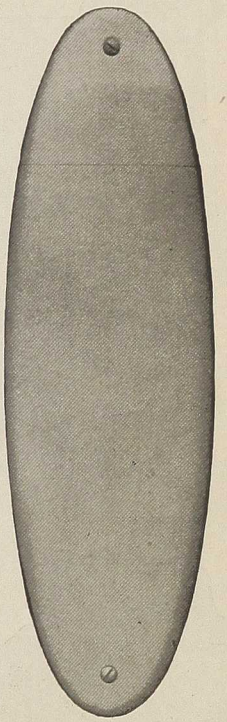
No. 1. 8 x 2½ in. Wrought Bronze, Polished.
No. 4. 12 x 3 in. Wrought Bronze, Polished.
No. 841. 10¼ x 2⅜ in. Cast Bronze, Polished. Lettered "Push."
No. 851. 10¼ x 2⅜ in. Cast Bronze, Polished. Lettered "Pull."
No. P2276. 12 x 3 in. Cast Bronze, Polished.
Glass. 12 x 3 in. Beveled Edges.

See Price List.

PUSH AND PULL PLATES.

(One-third-size Cuts.)

"Concord" Design.
Nos. 276¼ and 2276¼.
Style of No. 2276.



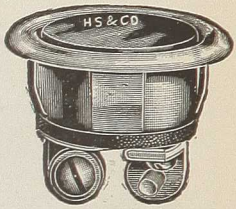
"Putnam" Design.
No. 2276¼.

No. 276¼. Concord. 9¾ x 2¾ in. Wrought Steel, Bronze Plated.
No. 276¼. Concord. 9¾ x 2¾ in. Wrought Steel, Antique Copper Finish.
No. 2276. Concord. 12 x 3 in. Cast Bronze, Polished.
No. 2276. Concord. 12 x 3 in. Cast Bronze, Antique Copper Finish.
No. 2276¼. Concord. 9¾ x 2¾ in. Wrought Bronze, Polished.
No. 2276¼. Concord. 9¾ x 2¾ in. Wrought Bronze, Antique Copper Finish.
No. 2276¼. Putnam. 10½ x 3⅛ in. Wrought Bronze, Polished.

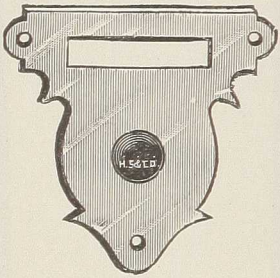
See Price List.

PUSH BUTTONS.

No. 398.

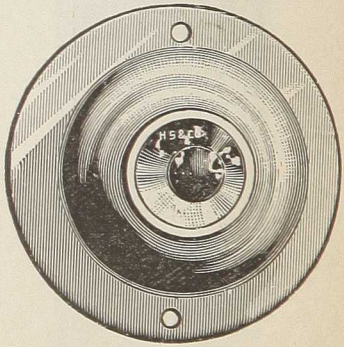


No. 358.



No. 1250.
(One-half-size Cut.)

No. 50.

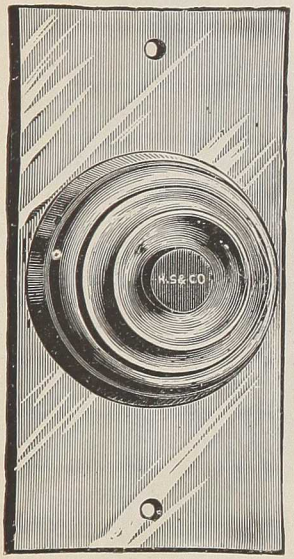


No. 229½.

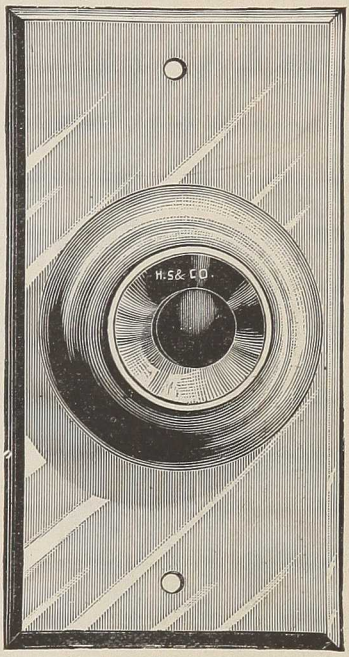
No. 50. 2⅜ in. Ash, Oak, or Stained Cherry. White Button.
No. 229½. 2⅜ in. Wrought Bronze, Polished. Black Button.
No. 358. Wrought Bronze, Polished. Black Button. Fits into a ¾-in. hole.
No. 398. Wrought Bronze, Polished. Black Button. Fits into a ½-in. hole.
No. 1250. 2½ x 2¾ in. Cast Bronze, Polished. Black Button.

See Price List.

PUSH BUTTONS.



Nos. 43 and 1256¾.



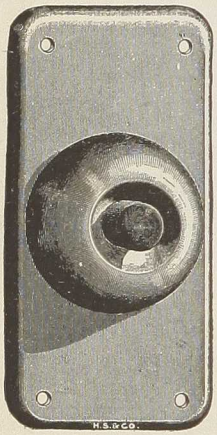
No. 9.

No. 43. 2½ x 1 in. Cast Bronze, Polished. Black Button.
No. 9. 4⅝ x 2⅜ in. Cast Bronze, Polished. Black Button.
No. 1256¾. 3¾ x 1¾ in. Cast Bronze, Polished. Black Button.
No. 1243. 4⅜ x 2¼ in. Cast Bronze, Polished. Black Button. Style of No. 9, but having the words "Doctor's Bell" in black letters.
No. 1244. As No. 1243, but with words "Janitor's Bell."
No. 1245. As No. 1243, but with words "Night Bell."

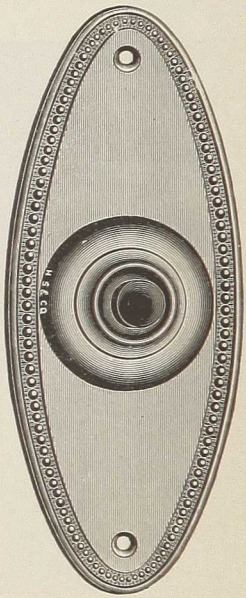
See Price List.

PUSH BUTTONS.

(One-half-size Cuts.)



No. 1411¼.
Design "Concord."



No. 5494.
Design "Wrought Regal."

No. 1411¼. 4 x 2 in. Wrought Bronze, Polished. Black Button.

No. 1411¼, 24 Finish. 4 x 2 in. Wrought Bronze, Antique Copper Finish. Black Button.

No. 5494. 5½ x 2¼ in. Wrought Bronze, Polished, or Antique Copper Finish. Black Button.

See Price List.

PUSH BUTTONS.

(One-half-size Cuts.)

No. 5334.
Design "Como."

No. 5404.
Design "Parthenon."

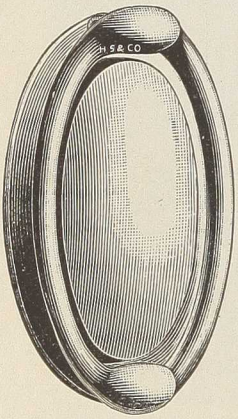
No. 5404. 3¾ x 2⅜ in. Cast Bronze, Antique Copper Finish. Black Button.

No. 5334. 4¾ x 2½ in. Wrought Bronze, Antique Copper Finish. Black Button.

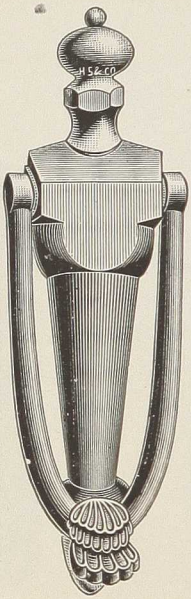
See Price List.

DOOR KNOCKERS.

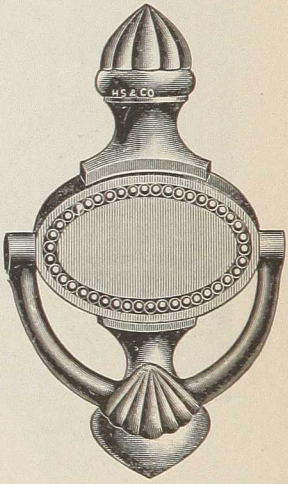
(One-third-size Cuts.)



No. 8P.



No. 5P.



No. 1893.

No. 5P. 2⅝ x 8¼ in. Cast Bronze, Polished.
No. 8P. 3¼ x 5¾ in. Cast Bronze, Old Brass Finish.
No. 1893. 4 x 6¾ in. Cast Brass, Polished.
No. 1893O.B. 4 x 6¾ in. Cast Brass, Old Brass Finish.
No. 1893B.B. 4 x 6¾ in. Iron, Bower Barff Finish (Rustless Iron).

All have machine screws to fasten from back.

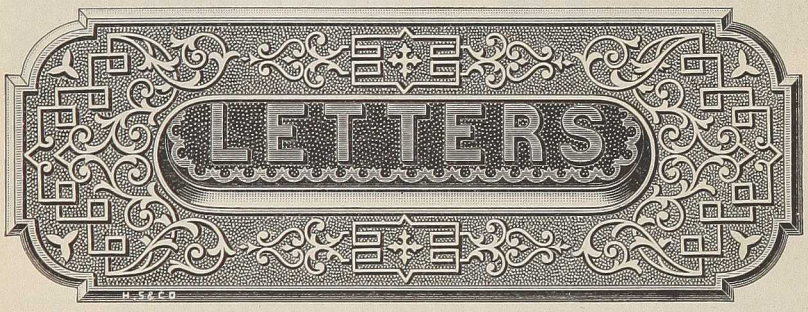
See Price List.

LETTER BOX PLATES.

No. P1334. One-third-size Cut.

No. P1334. 2⅛ x 7 in. Cast Bronze, Polished. Without Inside Plate. Opening, 1 x 4¾ in.

No. P1344. 2⅛ x 7 in. Cast Bronze, Polished. With Inside Plate. Opening, 1 x 4¾ in.



No. 46. One-half-size Cut.

No. 26. 2⅜ x 5⅞ in. Cast Iron, Amber Bronzed. Opening, 1⅛ x 4⅜ in.

No. 29. 2⅜ x 5⅞ in. Cast Bronze, Polished. Opening, 1⅛ x 4⅜ in.

No. 46. 2⅞ x 7⅝ in. Cast Iron, Amber Bronzed. Opening, 1 x 4¾ in.

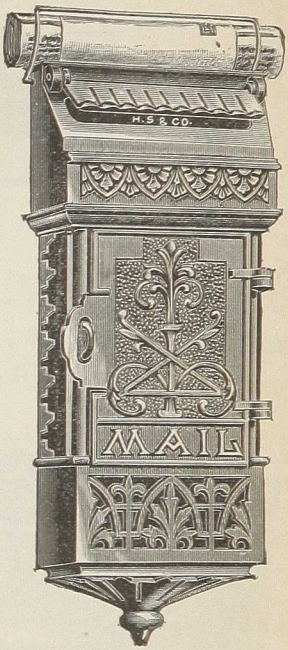
No. 49. 2⅞ x 7⅝ in. Cast Bronze, Polished. Opening, 1 x 4¾ in.

No. 366. 4 x 11 in. Cast Iron, Amber Bronzed. Opening, 2 x 8 in. For Newspapers.

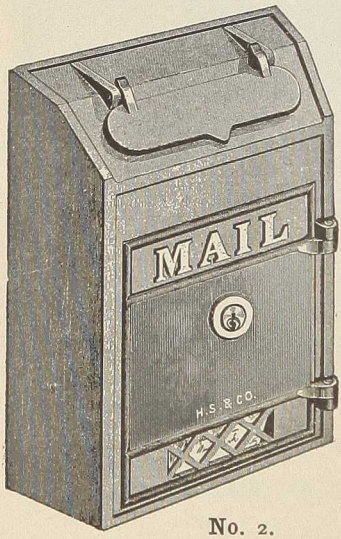
See Price List.

MAIL BOXES.

Nos. 3 and 4.



No. 5.



No. 2.

No. 2. 11 x 7 x 3 in. Cast Iron, Japanned, with Lock and 2 Corrugated Keys.

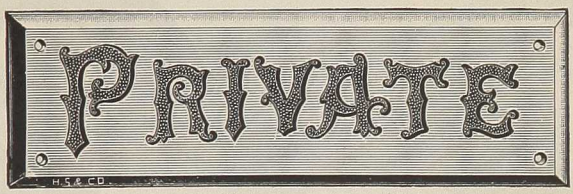
No. 3. 10½ x 5½ x 2¾ in. Wrought Steel, Dull Black Japanned, with Secure Lever Lock and 2 Keys.

No. 4. Style of No. 3, but Antique Copper Finish.

No. 5. 12 x 4½ x 2½ in. Cast Iron, Dark Green Finish. Without Padlock.

See Price List.

NAME PLATES OR SIGNS.



Cast Bronze, Polished.

2½ x 8 in.	Cashier, Library, Museum, Private, Office, Janitor, or Teller.
2½ x 11 in.	President, Secretary, or Treasurer.
2½ x 12 in.	Bookkeeper or No Admittance.
3 x 12 in.	Ladies' Toilet, Gents' Toilet, or Lavatory.

IRON ENAMELED SIGNS.

10 x 2½ in.	Round Corners. White Enameled with Blue Letters. Ladies, Gentlemen, Janitor, Office, Private, Toilet, or No Admittance.

NUMBERED THUMB TACKS.

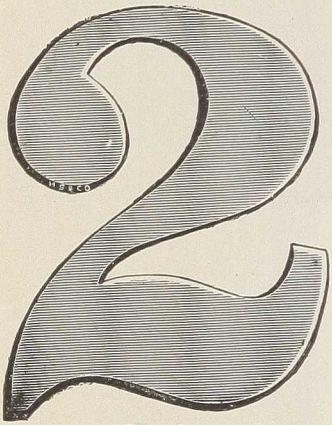
Brass, Black Figures.

In sets of 1 to 10 inclusive.
In sets of 1 to 25 inclusive.
In sets of 1 to 40 inclusive.
In sets of 1 to 50 inclusive.
In sets of 1 to 99 inclusive.

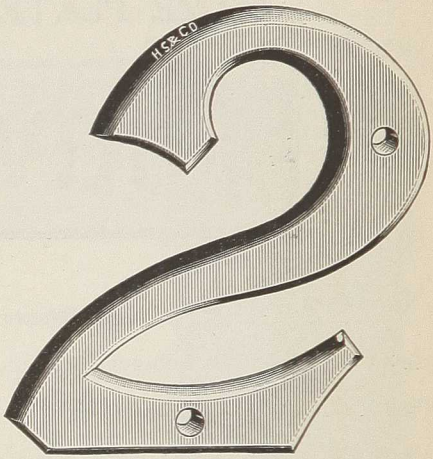
We do not sell less than full sets.

See Price List.

NUMBERS.



Regular.

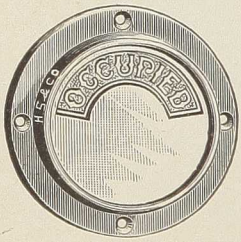


16th Century.

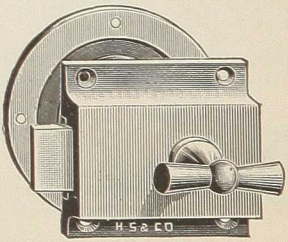
Regular. 1½ in. Cast Brass, Polished or Nickel-plated.
Regular. 2 in. Cast Brass, Polished.
16th Century. 1 and 2 in. Cast Bronze, Polished.

TOILET INDICATOR BOLTS.

(One-third-size Cuts.)



Outside View.

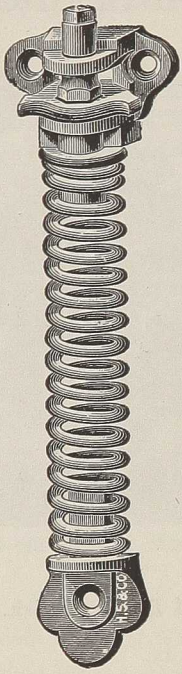


Inside View.

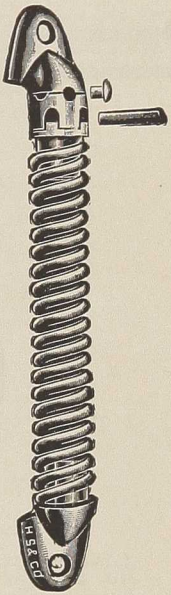
No. P1761. Size of Case, 2½ x 2⅝ in.; Indicator, 3¼ in. Cast Bronze, Polished. For Doors 1 to 1¾ in. thick. When locked, the word "Occupied" is shown on the dial; when unlocked, the word "Open" appears.

DOOR SPRINGS.

Gem.



Champion.

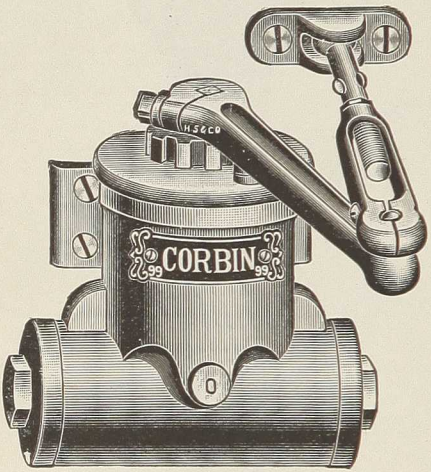


Chicago.

Gem. **No. 51.** 13 in. Nickel-plated.
Gem. **No. 52.** 12 in. Nickel-plated.
Gem. **No. 53.** 10 in. Nickel-plated.
Gem. **No. 71.** 13 in. Brass, Polished.
Gem. **No. 72.** 12 in. Brass, Polished.
Champion. **No. 63.** 13 in. Japanned.
Chicago. **No. 281.** 11½ in. Japanned.
Chicago. **No. 282.** 13 in. Japanned.
Chicago. **No. 283.** 14 in. Japanned.

See Price List.

THE CORBIN LIQUID DOOR CHECK AND SPRING.

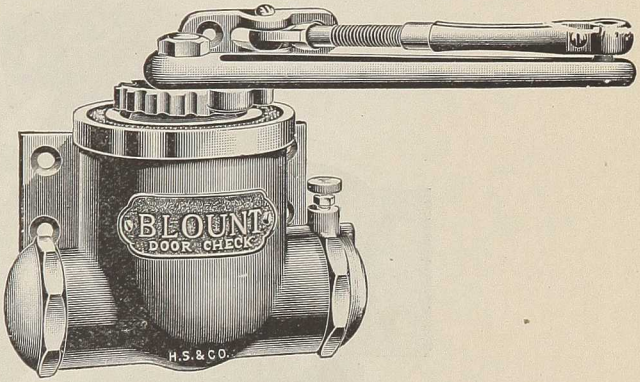


Gold Bronze Finish.

No. A. For Screen Doors.
No. B. For Light Inside Doors not over 3 x 7 feet.
No. C. For Light Vestibule Doors not over 2½ x 7 feet.
No. D. For Light Outside Doors not over 3 x 7½ feet.
No. E. For Heavy Outside Doors not over 4 x 7½ feet.
No. F. For Extra Heavy Outside Doors.

Special finishes to order. Packed complete with instructions for putting up. In determining size required, winds and draughts must be considered. Also MENTION HAND WANTED (see explanation, pages 130 and 131).

THE BLOUNT LIQUID DOOR CHECK AND SPRING.



Gold Bronze Finish.

No. o. For Screen Doors.

No. A. For Light Inside Doors not over 3 ft. wide x 1½ in. thick.

No. B. For Vestibule and Light Outside Doors not over 2½ ft. wide x 2 in. thick.

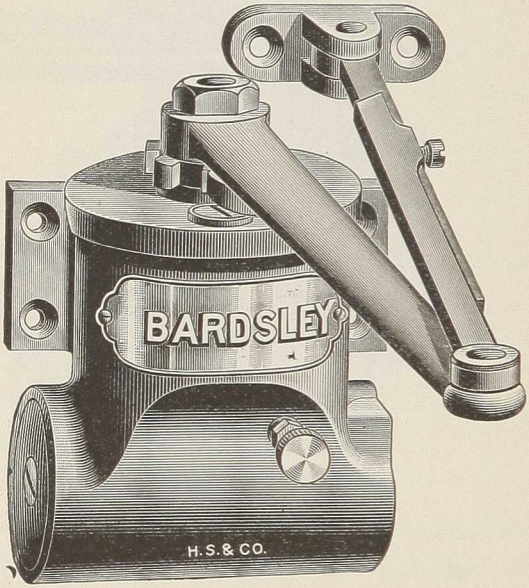
No. C. For Outside Doors not over 3 ft. wide x 2½ in. thick.

No. D. For Outside Doors not over 4 ft. wide x 2½ in. thick.

No. E. For Extra Heavy Doors.

Special finishes to order. Packed complete with instructions for putting up. In determining size required, winds and draughts must be considered. Also MENTION HAND WANTED (see explanation, pages 130 and 131).

THE BARDSLEY OIL DOOR CHECK AND SPRING.



Gold Bronze Finish.

No. A. For Light Inside Doors not over 2 ft. 9 in. wide.

No. B. For Narrow Vestibule Doors or Inside Doors not over 3 ft. wide.

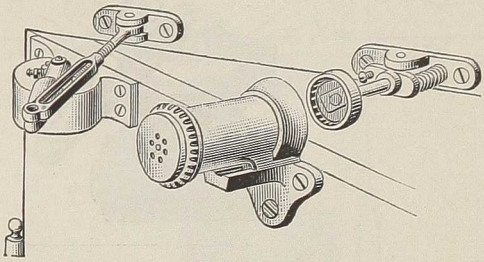
No. C. For Outside Doors not over 2 ft. 9 in. wide.

No. D. For Outside Doors not over 3 ft. 3 in. wide.

No. E. For Extra Heavy Doors.

Special finishes to order. Packed complete with instructions for putting up. In determining size required, winds and draughts must be considered. Also MENTION HAND WANTED (see explanation, pages 130 and 131).

THE ECLIPSE DOOR CHECK AND SPRING.



Amber Bronzed Finish.

Door Springs.

No. 1251. For Inside Doors.
No. 1253. For Wide Inside or Narrow Outside Doors.
No. 1255. For Wide Outside Doors.

Door Checks.

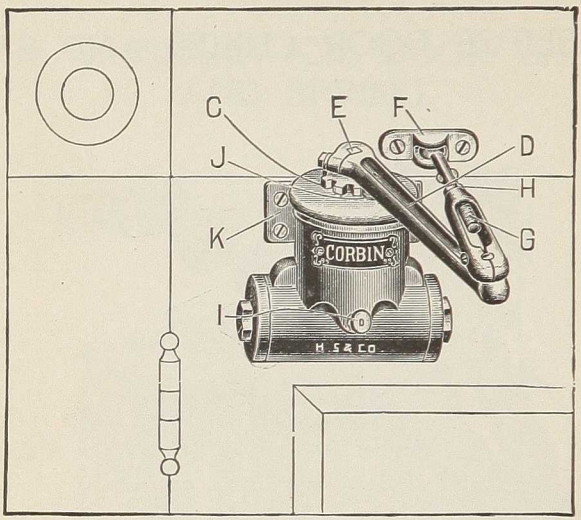
No. 1223. For Ordinary Doors. 1½ in. Cylinder.
No. 1225. For Wide Doors. 2 in. Cylinder.

Special finishes to order. Packed complete with instructions for putting up. Checks are packed with two brackets, thus adapting them for use on either inside or outside of doors.

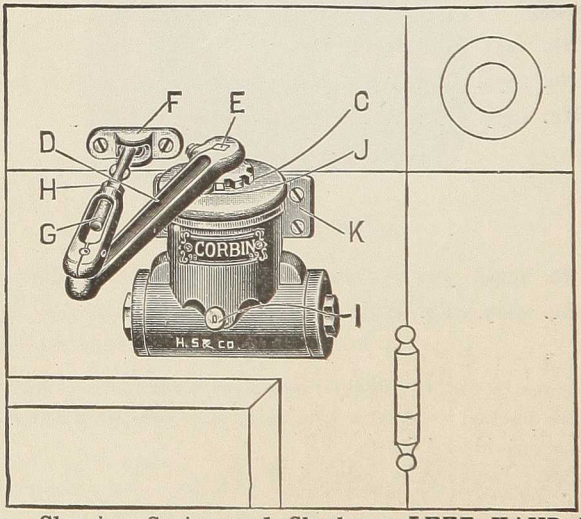
Parts of above for repairs, carried in stock.

See Price List.

SHOWING THE "HANDS" OF DOORS.



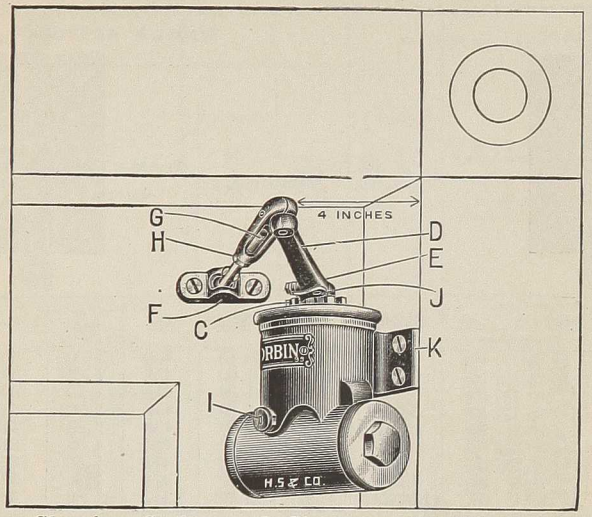
View 1. Showing Spring and Check on RIGHT HAND DOOR.



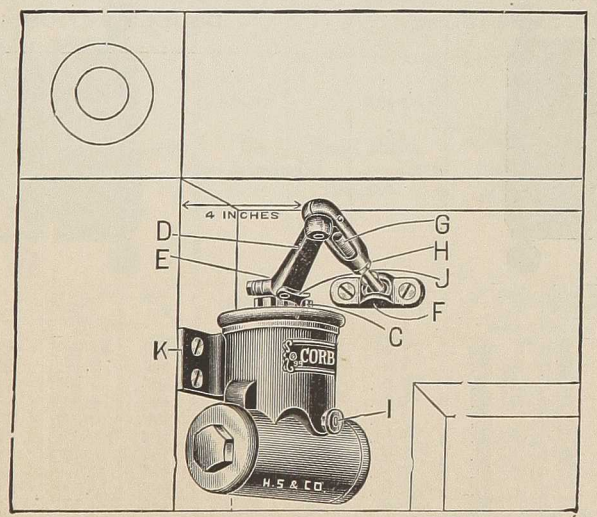
View 2. Showing Spring and Check on LEFT HAND DOOR.

See Price List.

SHOWING THE "HANDS" OF DOORS.



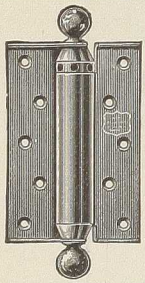
View 3. Showing Spring and Check on RIGHT HAND JAMB.



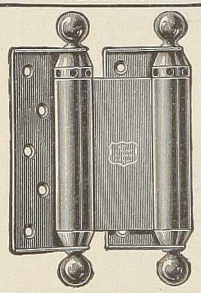
View 4. Showing Spring and Check on LEFT HAND JAMB.

See Price List.

BOMMER SPRING HINGES. PLANISHED STEEL.



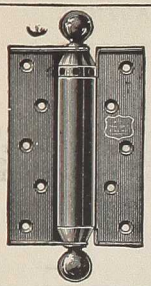
For doors not larger than the following: WIDTH	THICKNESS	Length of Flanges. USE.	SINGLE ACTION. Japanned. No.	Per Pair.	Bronze or Brass, Plated. No.	Per Pair.	Antique Copper, Antique Brass or Dull Brass Finish, also IMITATION Rustless Black Finish. No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	0	$0.80	450	$1.00	300	$1.20
2 ft.	⅞ to 1¼ in.	4 in.	1	1.00	451	1.20	301	1.40
2¼ ft.	1 to 1½ in.	5 in.	5	1.30	455	1.60	305	1.80
2½ ft.	1⅛ to 1¾ in.	6 in.	9	1.80	459	2.20	309	2.50
2½ ft.	1¼ to 2 in.	7 in.	13	2.30	463	2.80	313	3.20
2¾ ft.	1½ to 2¼ in.	8 in.	17	3.30	467	4.00	317	4.50
3 ft.	1¾ to 2¾ in.	10 in.	21	4.50	471	5.50	321	6.20
3 ft.	2 to 3 in.	12 in.	25	6.00	475	7.30	325	8.30
Over 3 ft.	3 to 4 in.	14½ in.	27	9.50	477	11.60	327	13.00
For Office Gates 1¼ to 2½ in. handrail not over 4 in.		5 in.	7	$2.00	457	$2.50	307	$2.70



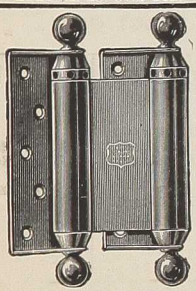
For doors not larger than the following: WIDTH	THICKNESS	Length of Flanges. USE.	DOUBLE ACTION. Japanned. No.	Per Pair.	Bronze or Brass. Plated. No.	Per Pair.	Antique Copper, Antique Brass or Dull Brass Finish, also IMITATION Rustless Black Finish. No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	29	$1.60	479	$2.00	329	$2.20
2 ft.	⅞ to 1¼ in.	4 in.	30	2.00	480	2.40	330	2.80
2¼ ft.	1 to 1½ in.	5 in.	33	2.50	483	3.10	333	3.50
2½ ft.	1⅛ to 1¾ in.	6 in.	36	3.50	486	4.30	336	4.90
2½ ft.	1¼ to 2 in.	7 in.	39	4.50	489	5.50	339	6.30
2¾ ft.	1½ to 2¼ in.	8 in.	42	6.50	492	8.00	342	9.00
3 ft.	1¾ to 2⅛ in.	10 in.	45	9.00	495	11.00	345	12.40
3 ft.	2¼ to 2¾ in.	10 in.	46	10.50	496	12.70	346	14.50
3 ft.	2 to 3 in.	12 in.	48	12.00	498	14.50	348	16.50
Over 3 ft.	3 to 4 in.	14½ in.	49	19.00	499	23.10	349	26.00
For Office Gates 1¼ to 2½ in. handrail not over 3¼ in.		6 in.	38	$4.50	488	$5.50	338	$6.30

For Discounts see Price List.

BOMMER SPRING HINGES. POLISHED STEEL.



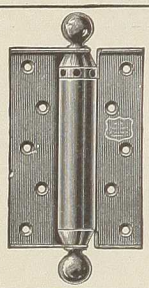
For doors not larger than the following: WIDTH	THICKNESS	Length of Flanges. USE.	SINGLE ACTION. Sand Blast Finish. No.	Per Pair.	Bronze, Brass or Nickel Plated, also GENUINE Rustless Black Finish. No.	Per Pair.	Antique Copper, Antique Brass, or Dull Brass Finish. No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	250	$1.60	50	$2.30	350	$2.50
2 ft.	⅞ to 1¼ in.	4 in.	251	1.90	51	2.50	351	2.80
2¼ ft.	1 to 1½ in.	5 in.	255	2.40	55	3.00	355	3.30
2½ ft.	1⅛ to 1¾ in.	6 in.	259	3.20	59	3.80	359	4.10
2½ ft.	1¼ to 2 in.	7 in.	263	4.00	63	4.50	363	4.90
2¾ ft.	1½ to 2¼ in.	8 in.	267	5.60	67	5.70	367	6.30
3 ft.	1¾ to 2¾ in.	10 in.	271	7.70	71	8.30	371	9.20
3 ft.	2 to 3 in.	12 in.	275	9.90	75	11.30	375	12.30
Over 3 ft.	3 to 4 in.	14½ in.	277	15.40	77	16.00	377	18.00
For Office Gates 1¼ to 2½ in. handrail not over 4 in.		5 in.	257	$3.50	57	$4.00	357	$4.30



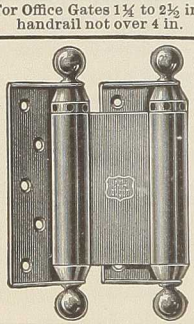
For doors not larger than the following: WIDTH	THICKNESS	Length of Flanges. USE.	DOUBLE ACTION. Sand Blast Finish. No.	Per Pair.	Bronze, Brass, or Nickel Plated, also GENUINE Rustless Black Finish. No.	Per Pair.	Antique Copper, Antique Brass, or Dull Brass Finish No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	279	$3.00	79	$4.50	379	$5.00
2 ft.	⅞ to 1¼ in.	4 in.	280	3.80	80	5.00	380	5.50
2¼ ft.	1 to 1½ in.	5 in.	283	4.80	83	6.00	383	6.50
2½ ft.	1⅛ to 1¾ in.	6 in.	286	6.30	86	7.50	386	8.30
2½ ft.	1¼ to 2 in.	7 in.	289	8.10	89	9.00	389	9.90
2¾ ft.	1½ to 2¼ in.	8 in.	292	11.20	92	11.40	392	12.70
3 ft.	1¾ to 2½ in.	10 in.	295	15.30	95	15.50	395	17.10
3 ft.	2¼ to 2¾ in.	10 in.	296	17.50	96	17.00	396	18.70
3 ft.	2 to 3 in.	12 in.	298	19.80	98	21.00	398	23.00
Over 3 ft.	3 to 4 in.	14½ in.	299	30.80	99	32.00	399	34.50
For Office Gates 1¼ to 2½ in. handrail not over 3¼ in.		6 in.	288	$8.00	88	$8.50	388	$9.40

For Discounts see Price List.

BOMMER SPRING HINGES. BRONZE OR BRASS METAL.



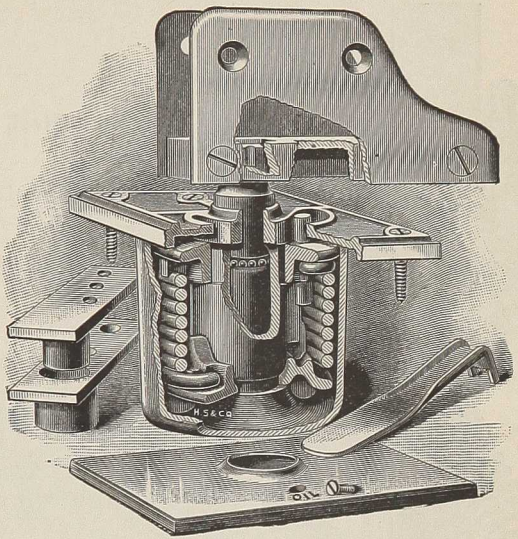
For doors not larger than the following: WIDTH.	THICKNESS.	Length of Flanges. USE.	SINGLE ACTION. Highly Polished. No.	Per Pair.	Antique Copper, Antique Brass, or Dull Brass Finish, also Nickel Plated. No.	Per Pair.	Silver Plated, Either Bright or Oxidized. No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	100	$4.00	400	$4.50	200	$5.20
2 ft.	⅞ to 1¼ in.	4 in.	101	4.50	401	5.00	201	5.80
2¼ ft.	1 to 1½ in.	5 in.	105	5.50	405	6.00	205	7.10
2½ ft.	1⅛ to 1¾ in.	6 in.	109	6.80	409	7.40	209	8.60
2½ ft.	1¼ to 2 in.	7 in.	113	8.50	413	9.30	213	10.80
2¾ ft.	1½ to 2¼ in.	8 in.	117	10.90	417	12.10	217	14.30
3 ft.	1¾ to 2¾ in.	10 in.	121	14.70	421	16.10	221	18 60
3 ft.	2 to 3 in.	12 in.	125	19.80	425	21.50	225	24.70
Over 3 ft.	3 to 4 in.	14½ in.	127	27.20	427	30.60	227	33.40
For Office Gates 1¼ to 2½ in. handrail not over 4 in.		5 in.	107	$8.00	407	$8.50	207	$10.00



For doors not larger than the following: WIDTH.	THICKNESS.	Length of Flanges. USE.	DOUBLE ACTION. Highly Polished. No.	Per Pair	Antique Copper, Antique Brass, or Dull Brass Finish, also Nickel Plated. No.	Per Pair.	Silver Plated, Either Bright or Oxidized. No.	Per Pair.
2 ft.	¾ to 1 in.	3 in.	129	$7.40	429	$8.10	229	$9.40
2 ft.	⅞ to 1¼ in.	4 in.	130	8.50	430	9.40	230	10.80
2¼ ft.	1 to 1½ in.	5 in.	133	10.20	433	11.20	233	12.90
2½ ft.	1⅛ to 1¾ in.	6 in.	136	12.50	436	13.70	236	15.60
2½ ft.	1¼ to 2 in.	7 in.	139	15.90	439	17.50	239	19.80
2¾ ft.	1½ to 2¼ in.	8 in.	142	20.40	442	22.50	242	25.50
3 ft.	1¾ to 2½ in.	10 in.	145	27.20	445	30.00	245	34.00
3 ft.	2¼ to 2¾ in.	10 in.	146	30.00	446	33.00	246	37.40
3 ft.	2 to 3 in.	12 in.	148	36.80	448	40.20	248	45.90
Over 3 ft.	3 to 4 in.	14½ in.	149	54.40	449	62.30	249	66.90
For Office Gates 1¼ to 2½ in. handrail not over 3¼ in.		6 in.	138	$15.30	438	$16.80	238	$18.70

For Discounts see Price List.

BOMMER BALL BEARING FLOOR HINGES.

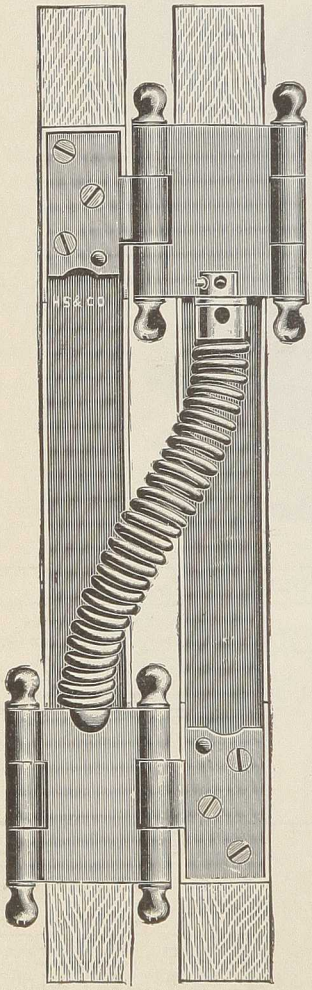


To avoid errors, order by number and state which finish is wanted.	UNPOLISHED.					
For doors not larger than the following:	Japanned Dead Black.		Bronze or Brass, Plated.		Antique Copper, Antique Brass, or Dull Brass Finish.	
	No.	Per Set.	No.	Per Set.	No.	Per Set.
$\frac{7}{8}$ to $1\frac{1}{2}$ inches thick.	**2**	$2.40	**452**	$3.00	**302**	$3.00
$1\frac{3}{8}$ " 2 " "	**4**	3.00	**454**	3.60	**304**	3.60
2 " $2\frac{1}{2}$ " "	**6**	3.60	**456**	4.20	**306**	4.20
$2\frac{1}{2}$ " $3\frac{1}{2}$ " "	**8**	6.90	**458**	7.20	**308**	7.20

To avoid errors, order by number and state which finish is wanted.	POLISHED.				BRONZE or BRASS.			
For doors not larger than the following:	Bronze, Brass, or Nickel Plated, also Genuine Rustless Black.		Antique Copper, Antique Brass, or Dull Brass Finish.		Highly Polished.		Antique Copper, Antique Brass, or Dull Brass Finish, also Nickel Plated.	
	No.	Per Set.	No.	Per Set.	No.	Per Set.	No.	Per Set.
$\frac{7}{8}$ to $1\frac{1}{2}$ inches thick.	**52**	$3.90	**352**	$3.90	**102**	$6.00	**402**	$6.60
$1\frac{3}{8}$ " 2 " "	**54**	4.20	**354**	4.20	**104**	7.20	**404**	7.80
2 " $2\frac{1}{2}$ " "	**56**	4.80	**356**	4.80	**106**	8.40	**406**	9.00
$2\frac{1}{2}$ " $3\frac{1}{2}$ " "	**58**	8.10	**358**	8.10	**108**	11.40	**408**	12.00

For Discounts see Price List.

CHICAGO SPRING BUTTS.



The spring is always concealed when the door is closed.

Double Acting.

Wrought Steel.

No. 1½. For ⅞ to 1 in. Doors. Japanned.

No. 31½. For ⅞ to 1 in. Doors. Bronze Plated and Polished.

No. 31½. For 1⅛ to 1¼ in. Doors. Bronze Plated and Polished.

No. 131½. For ⅞ to 1 in. Doors. Bronze Plated, not Polished.

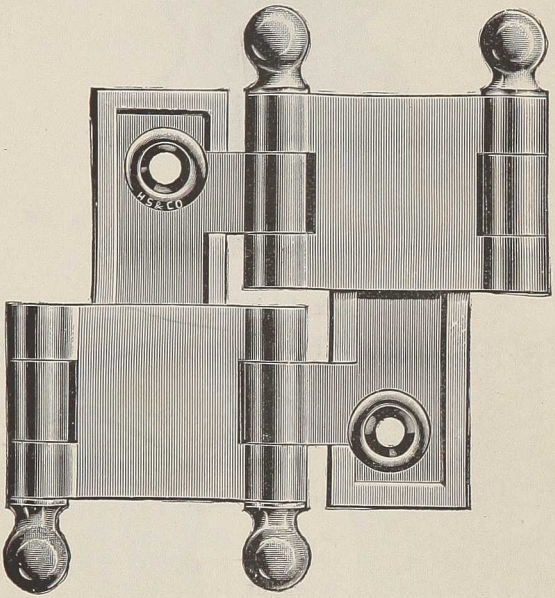
No. 131½. For 1⅛ in. to 1¼ in. Doors. Bronze Plated, not Polished.

A pair of Spring Butts are intended for each door, but when doors are light, one Spring Butt at the top and one Blank Butt at the bottom will work very well. Never put the Blank Butt at the top of the door. Be particular to hang them in perpendicular line.

Blank Butts are illustrated on the following page.

CHICAGO BLANK BUTTS.

Double Acting.



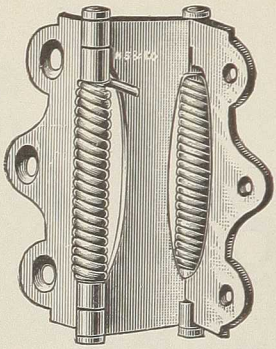
Wrought Steel.

No. 3½.	For ⅞ to 1 in. Doors. Japanned.
No. 33½.	For ⅞ to 1 in. Doors. Bronze Plated and Polished.
No. 33½.	For 1⅛ to 1¼ in. Doors. Bronze Plated and Polished.
No. 133½.	For ⅞ to 1 in. Doors. Bronze Plated, not Polished.
No. 133½.	For 1⅛ to 1¼ in. Doors. Bronze Plated, not Polished.

Blank Butts should always be put at the bottom of the Door.

See Price List.

"ANTI FRICTION" SPRING HINGES.



Single Acting.

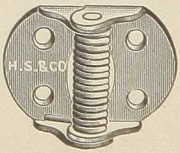
No. 1.	2⅜ in.	Wrought Brass, Dipped.
No. 3.	3 in.	Wrought Brass, Dipped.
No. 5.	5 in.	Wrought Brass, Dipped.
No. 13.	3 in.	Wrought Iron, Brass Plated.
No. 51.	2⅜ in.	Wrought Brass, Nickel Plated.

Double Acting.

No. 7.	2⅜ in.	Wrought Brass, Dipped.
No. 9.	3 in.	Wrought Brass, Dipped.
No. 11.	5 in.	Wrought Brass, Dipped.
No. 19.	3 in.	Wrought Iron. Brass Plated.

SHOW CASE SPRING HINGES.

(One-half-size Cut.)

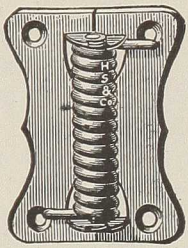


No. 422. 1½ in. Wrought Steel, Brass Plated, Brass Spring.

See Price List.

SHOW CASE SPRING HINGES.

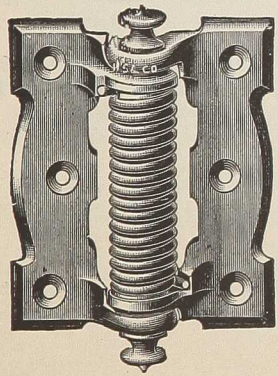
(One-half-size Cut.)



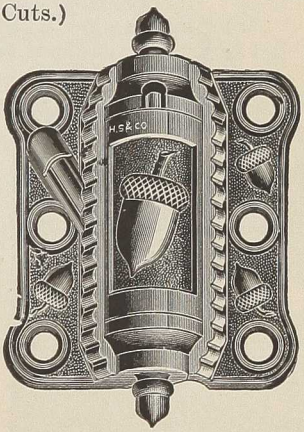
No. 2. 2¼ in. Wrought Iron, Copper Bronzed.

SCREEN DOOR SPRING HINGES.

(One-half-size Cuts.)



Nos. 14 and 18.

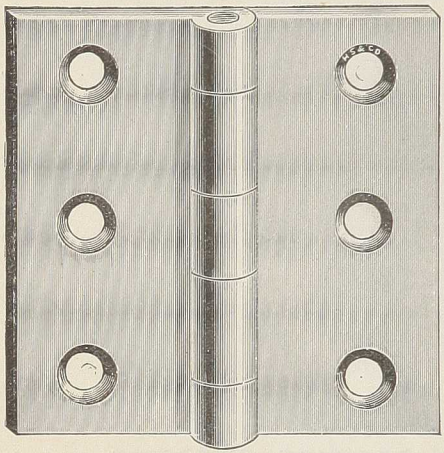


No. 5.

No. 5.	3 in.	Iron, Japanned.	Single Acting.
No. 14.	3 in.	Iron, Japanned.	Single Acting.
No. 18.	3 in.	Iron, Japanned.	Double Acting.

See Price List.

FAST JOINT BUTTS.

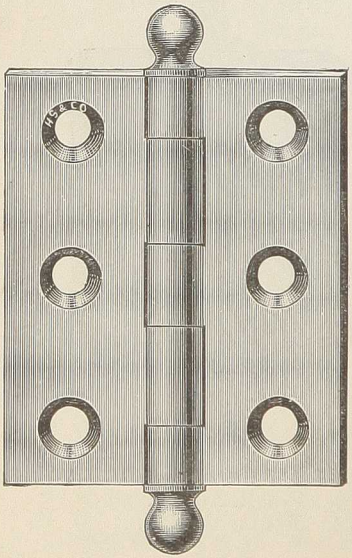


No. 100. Cast Brass, not Polished. 2 x 1½, 2 x 2, 2½ x 2, 2½ x 2½, 3 x 2, 3 x 2½, 3 x 3, 3½ x 3, 3½ x 3½, and 4 x 4 in.

No. 101. Cast Brass, Polished. 1½ x 1¼, 2 x 1½, 2 x 2, 2½ x 2, 2½ x 2½, 3 x 2, 3 x 2½, 3 x 3, 3½ x 3½, and 4 x 4 in.

No. 101½. Cast Bronze, Polished. 2 x 1½ and 2 x 1¾ in.

BALL TIPPED BUTTS.



Loose Pin.

No. 102¼. Cast Brass, Polished. 2 x 1½, 2 x 1¾, 2 x 2, 2½ x 1¾, 2½ x 2, 2½ x 2½, 3 x 2, 3 x 2½, and 3 x 3 in.

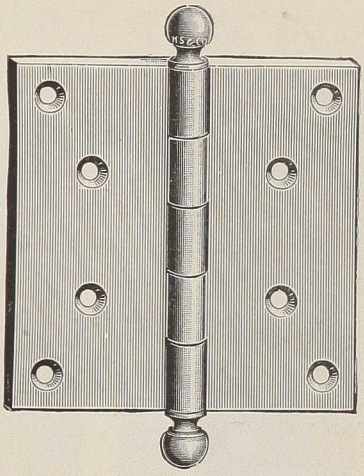
No. 102¾. Cast Bronze, Polished. 2½ x 2, 2½ x 2½, 3 x 2, 3 x 2½, and 3 x 3 in.

No. 295A. Light, Narrow Wrought Steel, Bronze Plated, not Polished. 2½ x $1\frac{11}{16}$ in.

No. 295, D2 **Finish.** Light, Narrow Wrought Steel, Antique Copper Finish. 2½ x $1\frac{11}{16}$ in.

See Price List.

LOOSE PIN, BALL TIPPED BUTTS.



Cast Bronze.

No. 61. Polished. Steel Bushed. 4½ x 4½, 5 x 5, and 6 x 6 in.
No. P071. Polished. Heavy. Double Steel Bushed. 4½ x 4½, 5 x 5, and 6 x 6 in.

Wrought Bronze.

No. P069¼. Polished. Steel Bushed. 3½ x 3½, 4 x 4, 4½ x 4½, 5 x 5, and 6 x 6 in.
No. P069¼. **Antique Copper Finish.** Steel Bushed. 4½ x 4½ and 5 x 5 in.

Wrought Steel.

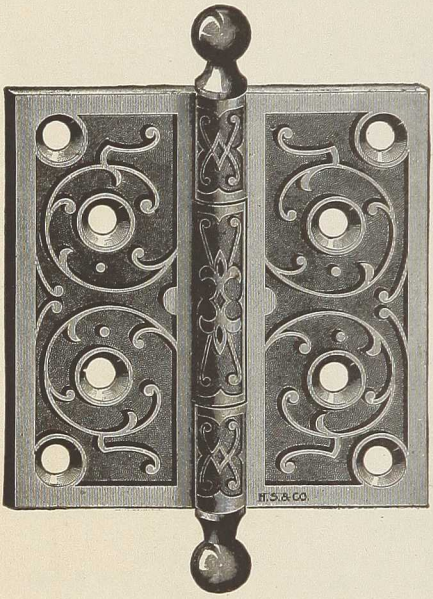
No. 239. Bronze Plated and Polished. Heavy. 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, 5 x 5, and 6 x 6 in.
No. 241. Bronze Plated, not Polished. 3½ x 3½, 4 x 4, and 4½ x 4½ in.
No. 289. Bronze Plated, not Polished. Light. 2½ x 2½ and 3 x 3 in.
No. 059¼. Antique Copper Finish. 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, and 5 x 5 in.
No. 823. Bright. 2 x 2, 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, 5 x 5, 5½ x 5½, and 6 x 6 in.

Iron.

No. N70. Bronze Plated and Polished. 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, 5 x 5, and 6 x 6 in.

See Price List.

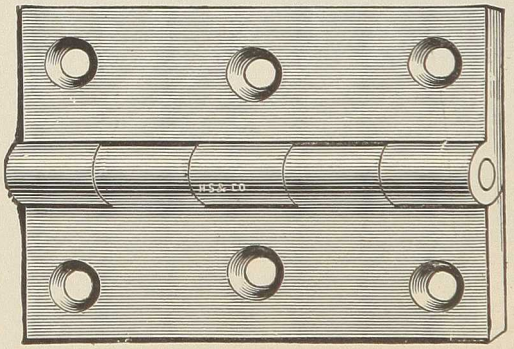
LOOSE PIN, BALL TIPPED BUTTS.



No. 031. Iron. 2 x 2, 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, and 5 x 5 in.

No. 032. Iron, Japanned. 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, and 5 x 5 in.

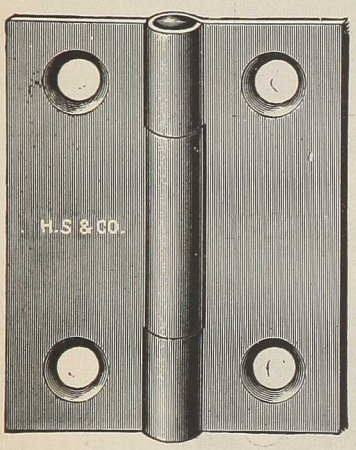
IRON BUTTS.



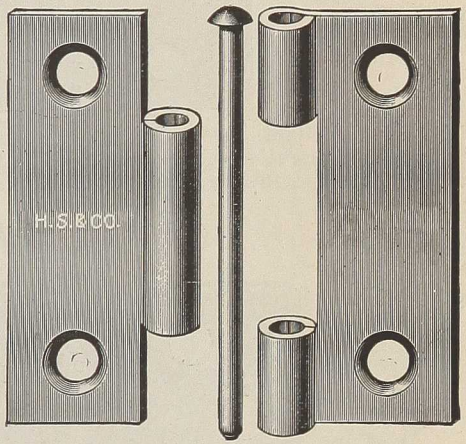
No. 80. Narrow. Fast Joint. 3, 3½, 4, 4½, and 5 in.
No. 82. Broad. Fast Joint. 2 x 2, 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, 5 x 5, 5½ x 5½, and 6 x 6 in.

See Price List.

WROUGHT STEEL BUTTS.



Fast Pin.



Loose Pin.

Fast Pin.

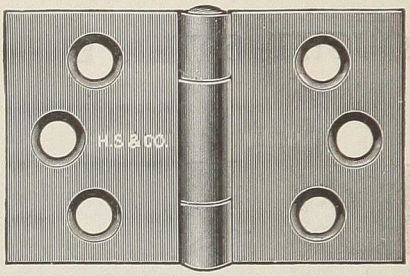
No. 284A. Light, Narrow. Bronzed. 2, 2½, and 3 in.
No. 800. Narrow. 2, 2½, 3, 3½, and 4 in.
No. 838. Light, Narrow. 2, 2¼, 2½, and 3 in.
No. 1317. Light, Narrow. Galvanized, with Brass Pins. 2 and 2½ in.

Loose Pin.

No. 804. Broad. Reversible. 2 x 2, 2½ x 2½, 3 x 3, 3½ x 3½, 4 x 4, 4½ x 4½, and 5 x 5 in.
No. 840. Light, Narrow. 2, 2½, and 3 in.

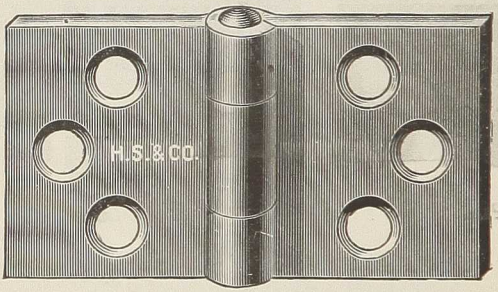
See Price List.

SHUTTER FLAPS.

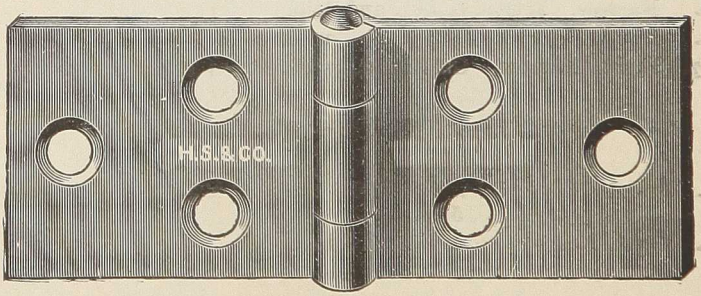


No. 842. Wrought Steel. 1¼ in.
No. 332A. Wrought Steel. Bronzed. 1¼ in.
No. 107½. Cast Bronze, Polished. 1¼ x 2 and 1½ x 2 in.

BACK FLAPS.



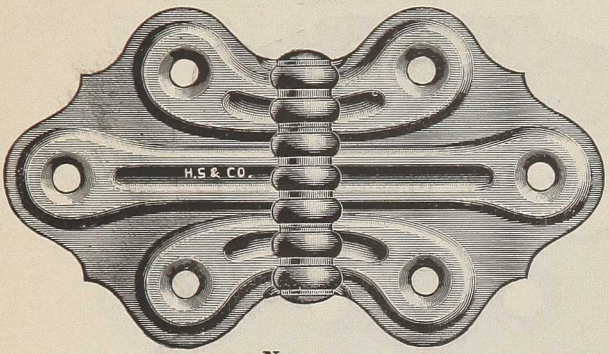
No. 816. Wrought Steel. 1, 1¼, and 1½ in.
No. 1313. Wrought Steel. Galvanized. Brass Pin. 1¼ and 1½ in.



No. 814. Wrought Steel. 1, 1¼, 1⅜, 1½, 1¾, and 2 in.

FANCY FLAPS.

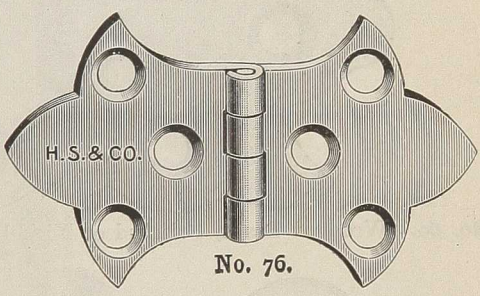
(Full-size Cuts.)



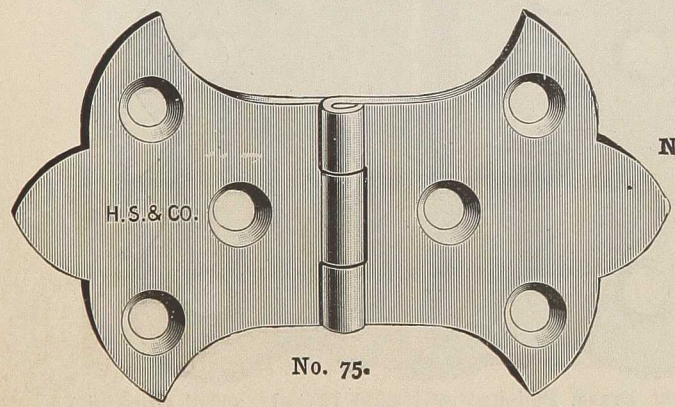
No. 1430.

No. 1430. Wrought Brass, Polished.

No. 76. Wrought Brass, Dipped or Nickel Plated.



No. 76.

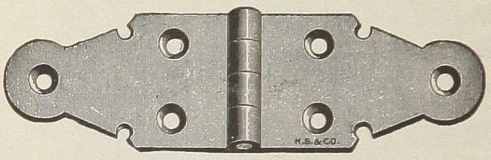


No. 75.

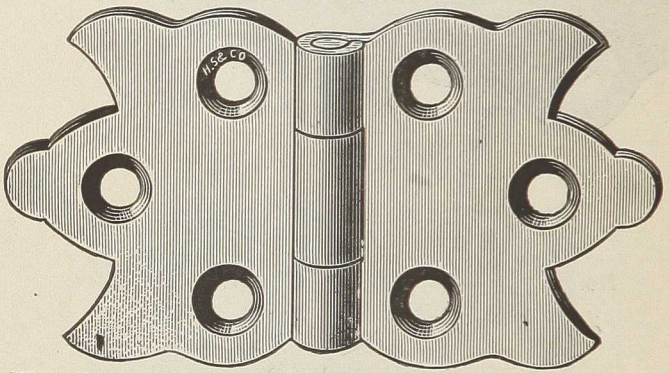
No. 75. Wrought Brass, Dipped or Nickel Plated.

See Price List.

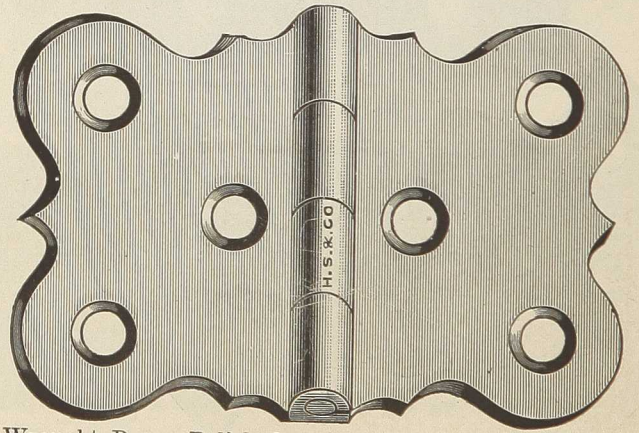
FANCY FLAPS.



No. 79. Wrought Brass, Polished. (One-half-size Cut.)



No. 60. Wrought Brass, Polished or Nickel Plated. (Full-size Cut.)

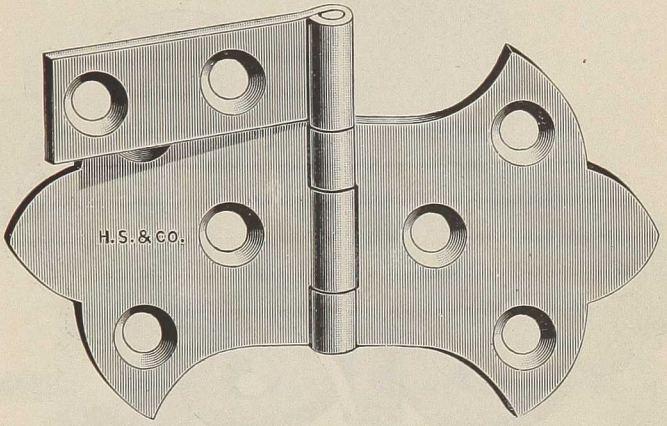


No. 50. Wrought Brass, Polished or Nickel Plated. (Full-size Cut.)

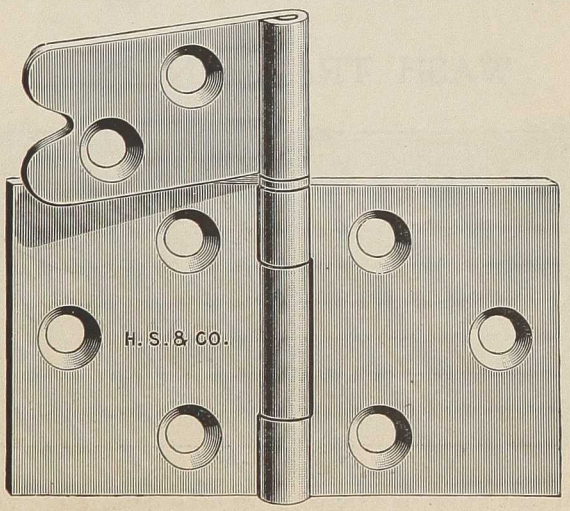
See Price List.

WATER CLOSET FLAPS.

(Full-size Cuts.)



No. 74. Wrought Brass, Nickel Plated.

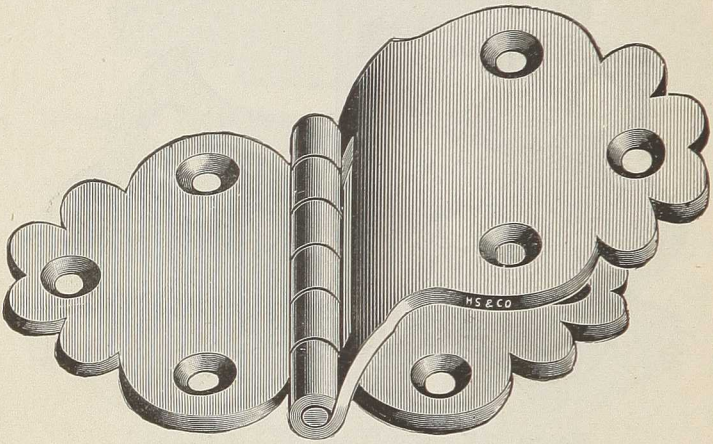


No. 108. Wrought Brass, Nickel Plated.

See Price List.

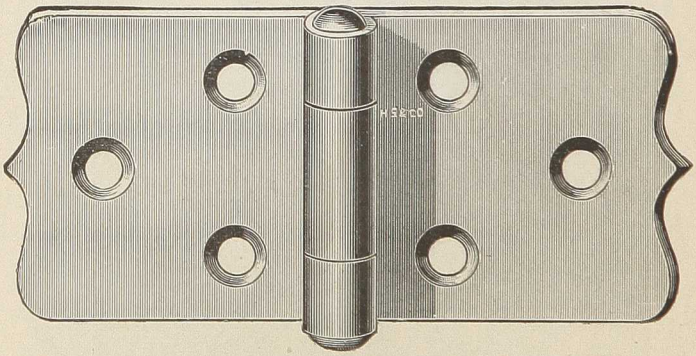
WATER CLOSET FLAPS.

(Full-size Cut.)



No. 91. Wrought Brass. Nickel Plated.

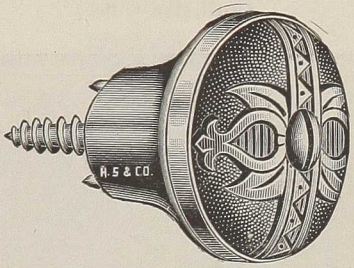
WASH TRAY HINGES.



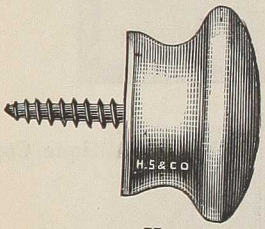
No. 1312. Wrought Steel, Galvanized, with Brass Pin. 2 x 4¼ in.

See Price List.

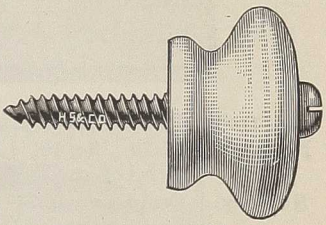
SHUTTER KNOBS.



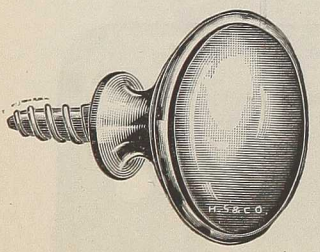
No. 3170.



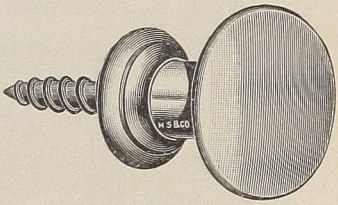
No. 1.



No. 10.



Nos. 1534 and N11596.



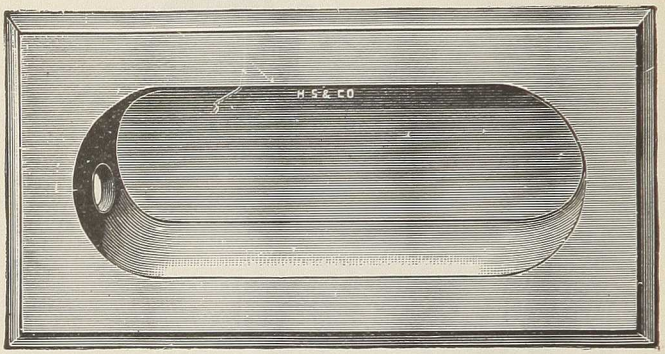
No. 1161½.

No. 1. Porcelain, Fast Screw. ⅝, ¾, 1, 1¼, and 1½ in.
No. 10. Porcelain, Loose Screw. ⅝, ¾, 1, 1¼, and 1½ in.
No. 1161½. Cast Bronze, Polished. ⅞ and 1⅛ in.
No. 1534. Wrought Bronze, Polished. 1⅛ in.
No. 1534. Wrought Bronze, Antique Copper Finish. 1⅛ in.
No. 1534. Cast Bronze, Polished. 1½ in.
No. 3170. Iron, Amber Bronzed. 1⅛ in.
No. 3170, 11 Finish. Iron, Copper Plated. 1⅛ in.
No. N11596. Wrought Iron, Bronze Plated. 1⅛ in.

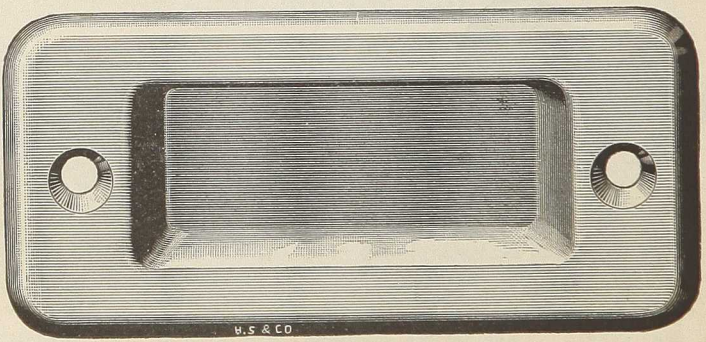
See Price List.

FLUSH SASH LIFTS.

(Full-size Cuts.)



No. 1105. Plain. 3 x 1⅝ in. Cast Bronze, Polished.
No. 2215. Plain. 3 x 1⅝ in. Wrought Bronze, Polished or Antique Copper Finish.
No. 3196. Ornamental. 3 x 1¾ in. Iron, Amber Bronzed.



Design "Concord."

No. 1318¼. 3¼ x 1½ in. Wrought Bronze, Polished or Antique Copper Finish.

See Price List.

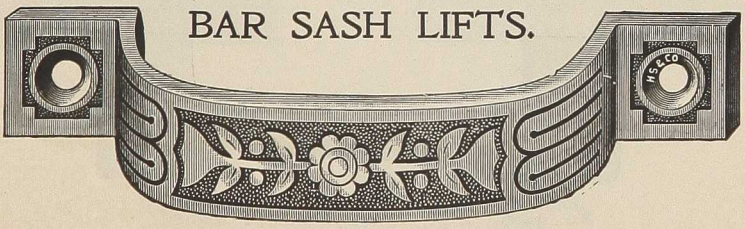
FLUSH SASH LIFTS.

(Full-size Cuts.)

No. 1104. 2⅝ x 1 in. Cast Bronze, Polished.

No. 2884. 2⅞ x 1⅛ in. Wrought Bronze, Polished.

BAR SASH LIFTS.



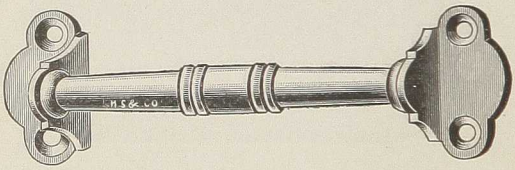
No. 3366. 4 in. Iron, Amber Bronzed.
No. 3366, 11 Finish. 4 in. Iron, Copper Plated.

See Price List.

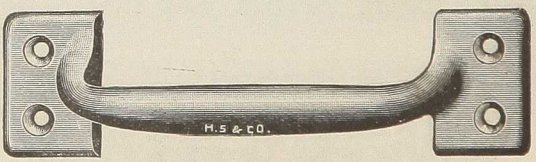
BAR SASH LIFTS.

(One-half-size Cuts.)

No. 3395. 5 in. Iron, Amber Bronzed.
No. 3395, 11 Finish. Iron, Copper Plated.



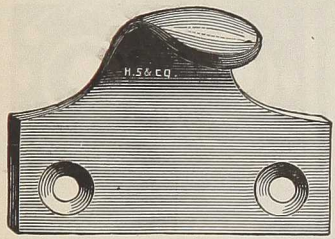
No. 5770. 5¾ in. Cast Bronze, Polished.



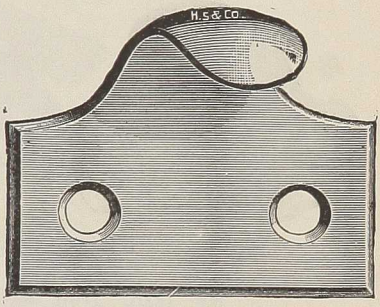
No. 9296. 5 in. Cast Bronze, Polished.

HOOK SASH LIFTS.

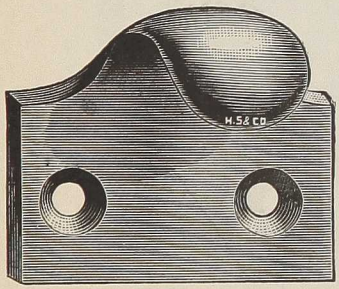
(Full-size Cuts.)



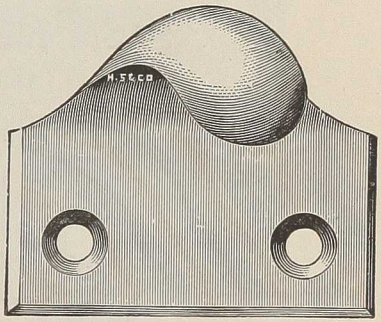
No. 532P.



No. 2180½.



No. R11840.



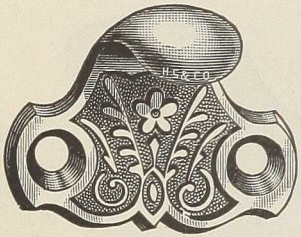
No. 2184.

No. 532P.	Cast Bronze, Polished.
No. 2180½.	Wrought Bronze, Polished.
No. 2184.	Cast Bronze, Polished.
No. R11840.	Iron, Antique Copper Finish.

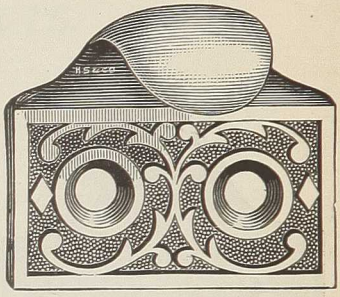
See Price List.

HOOK SASH LIFTS.

(Full-size Cuts.)



No. 3190.

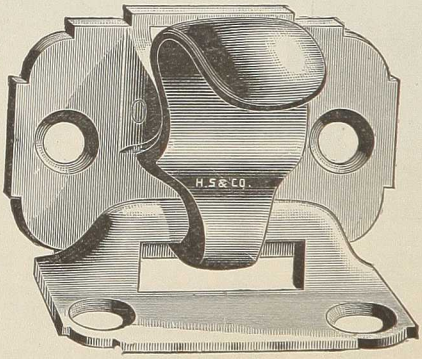


No. 1840.

No. 1840. Iron, Amber Bronzed.
No. 1840, 11 Finish. Iron, Copper Plated.
No. 3190. Iron, Amber Bronzed.
No. 3190, 11 Finish. Iron, Copper Plated.

SASH LIFT AND LOCK.

(Full-size Cut.)



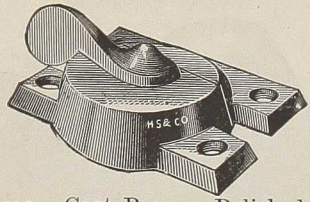
No. 4313½.

No. 3313. Ornamental. Iron, Amber Bronzed.
No. 4313½. Plain. Cast Bronze, Polished.
No. N13313. Plain. Iron, Bronze Plated.

See Price List.

SASH FASTENERS.

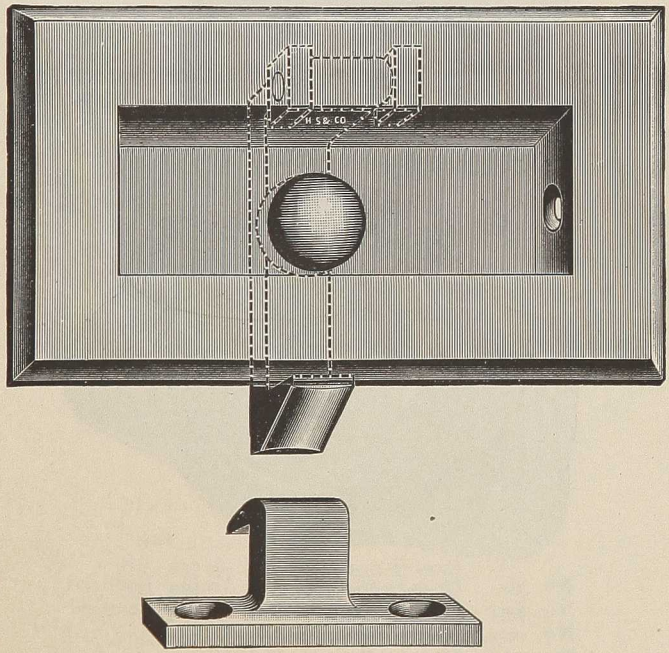
(One-half-size Cut.)



No. 103. Cast Bronze, Polished.

SASH LIFT AND LOCK.

(Full-size Cut.)

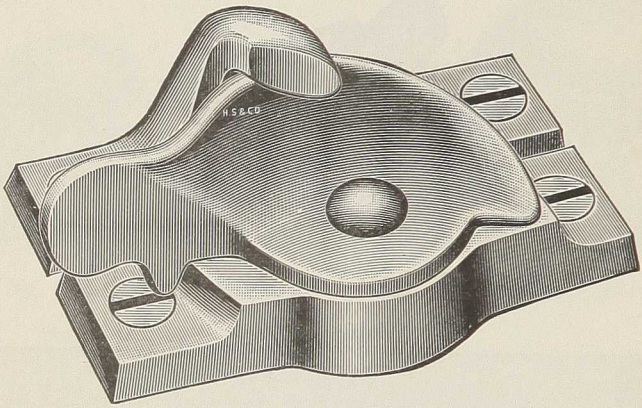


No. 4316. Cast Bronze, Polished.

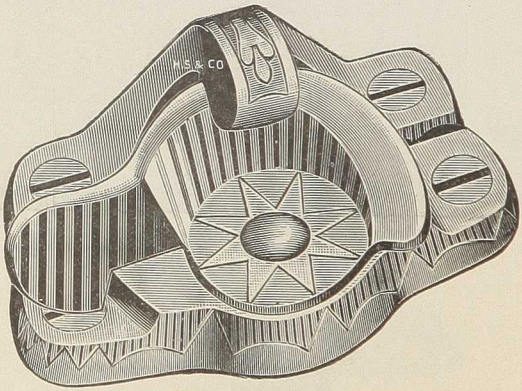
See Price List.

FITCH SASH FASTENERS.

(Full-size Cuts.)



No. 10. Ornamental. Iron, Amber Bronzed.
No. 023. Plain. Iron, Antique Copper Finish.
No. 24. Plain. Bronze, Polished.

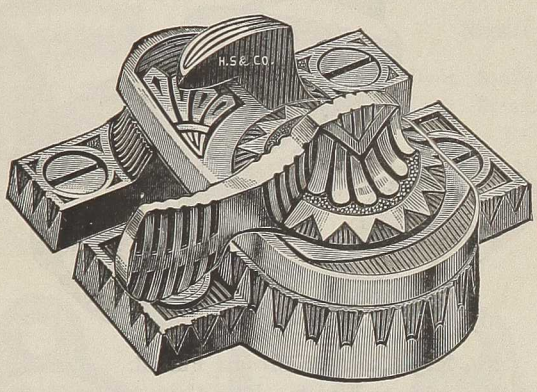


No. 70. Ornamental. Iron, Amber Bronzed.
No. 75. Ornamental. Iron, Copper Bronzed.
No. 083. Plain. Iron, Antique Copper Finish.
No. 84. Plain. Bronze, Polished.

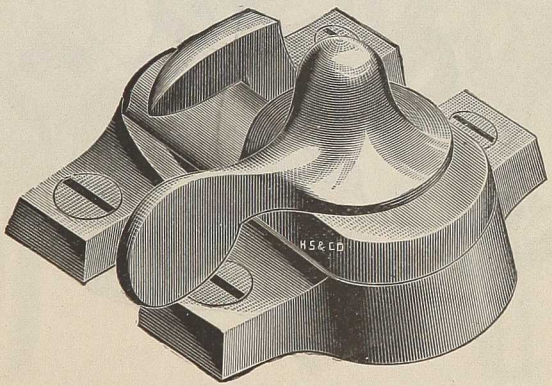
See Price List.

IVES' SASH FASTENERS.

(Full-size Cuts.)



No. 404. Iron, Amber Bronzed.
No. 416. Iron, Amber Bronzed. Bronze Metal Knob.

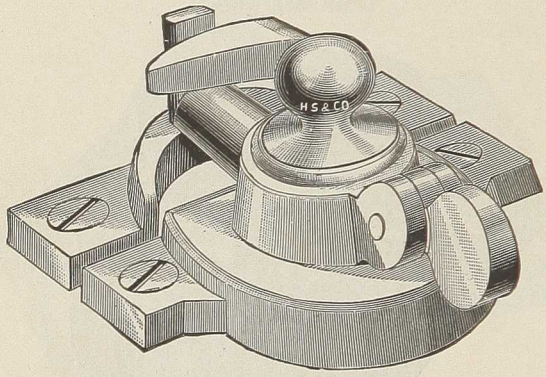


No. 433½. Iron, Bronze Plated.
No. 434. Bronze, Polished.
No. 439. Iron, Antique Copper Finish.
No. 534. Heavy. Bronze, Polished.

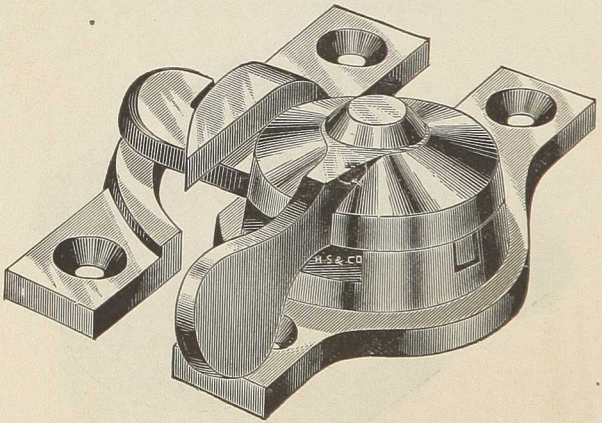
See Price List.

SASH FASTENERS.

(Full-size Cuts.)



No. N1326. Iron, Bronze Plated.
No. 1326, 11 Finish. Iron, Copper Plated.

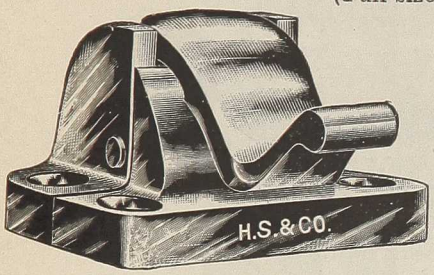


No. 1427. Iron, Amber Bronzed.
No. R1427. Iron, Antique Copper Finish.
No. N1427. Iron, Bronze Plated.
No. 1427½. Bronze, Polished.

See Price List.

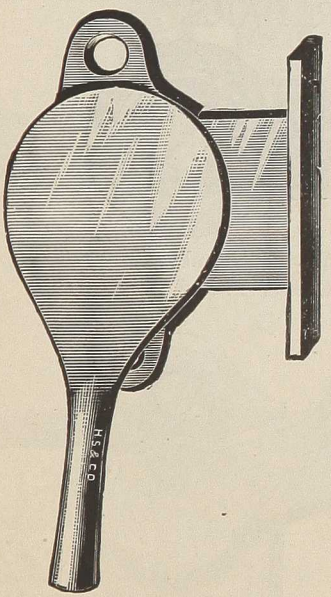
SASH FASTENERS.

(Full-size Cuts.)

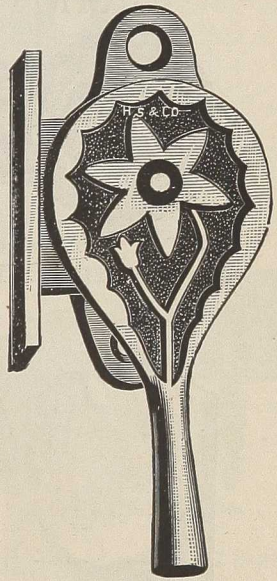


Signal.

No. 570. Iron, Amber Bronzed.
No. 571. Iron, Bronze Plated.
No. 578. Bronze, Polished.
No. 573. Iron, Antique Copper Finish, Polished.



No. 20.

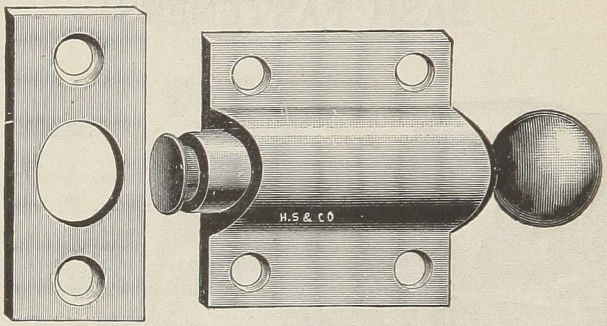


No. 12.

No. 12. Champion. Iron, Amber Bronzed.
No. 20. Champion. Bronze, Polished.

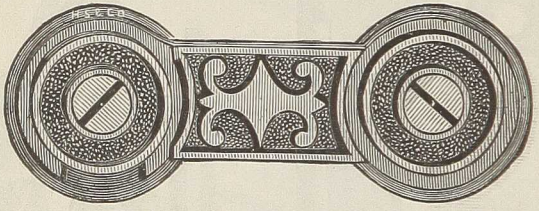
See Price List.

SASH BOLTS.

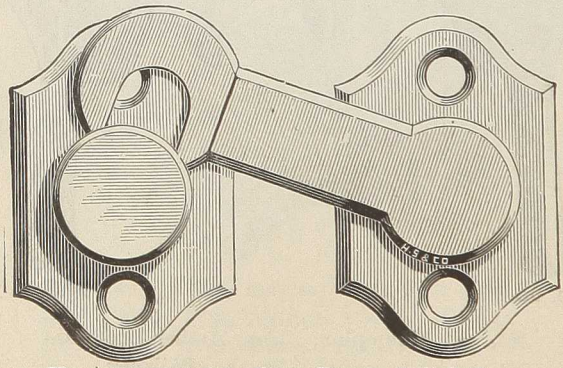


No. 1405. Bronze, Polished. With 3 Strikes.

SHUTTER BARS.



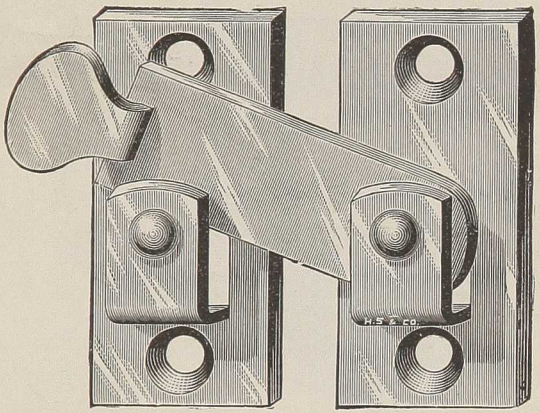
No. T55. 2, 2½, and 3 in. Iron, Amber **Bronzed.**
No. 3020. 2½ in. Iron, Copper Plated.



No. 914. 2½ in. Cast Brass, Polished.

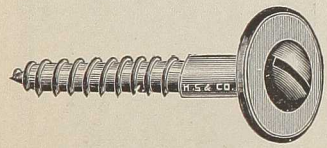
See Price List.

SHUTTER BARS.

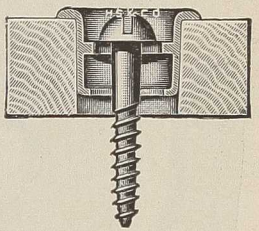


No. R937. 2 in. Wrought Iron, Antique Copper Finish.
No. N937. 2 in. Wrought Iron, Bronze Plated.
No. 937½. 2 in. Wrought Bronze, Polished.

STOP BEAD ADJUSTERS.



No. 183.



Taplin's Perfection.

No. 183. Bronze Metal. 1¼ or 1½ in. x No. 10. Round Head Screw.

Taplin's Perfection.

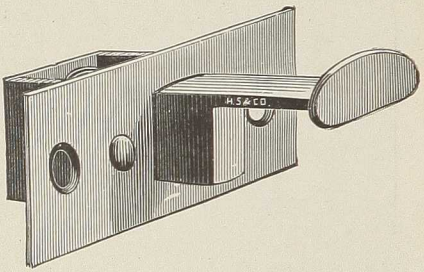
No. 1. Bronze Metal. 1¼ in. No. 8 Bronze-plated Screws.
No. 22. Steel, Antique Copper Finish. 1¼ in. No. 8 Screws.

See Price List.

WINDOW SPRINGS.

(Full-size Cuts.)

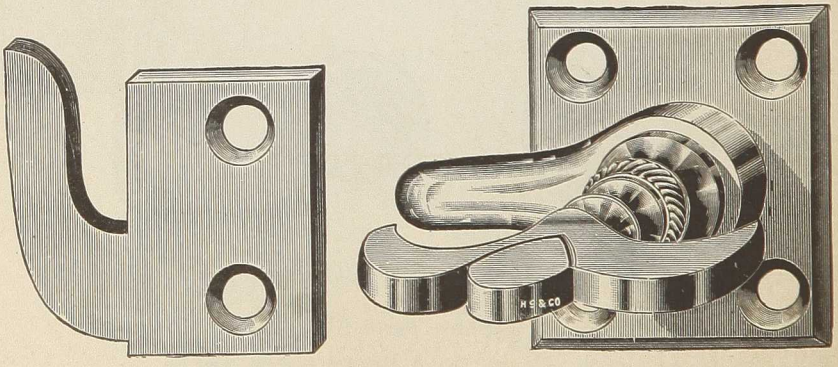
No. 15. Coppered.



No. 16. Wrought Iron, Cast Brass Bolt.

CASEMENT FASTENERS.

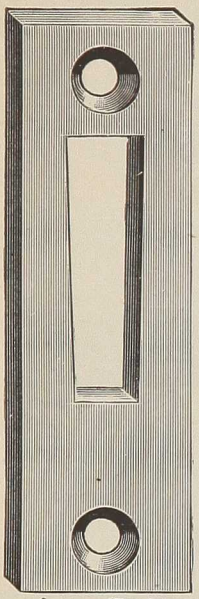
(Full-size Cuts.)

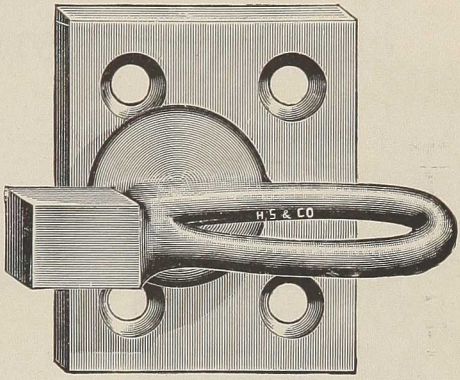


No. 02160. Cast Bronze, Polished.

See Price List.

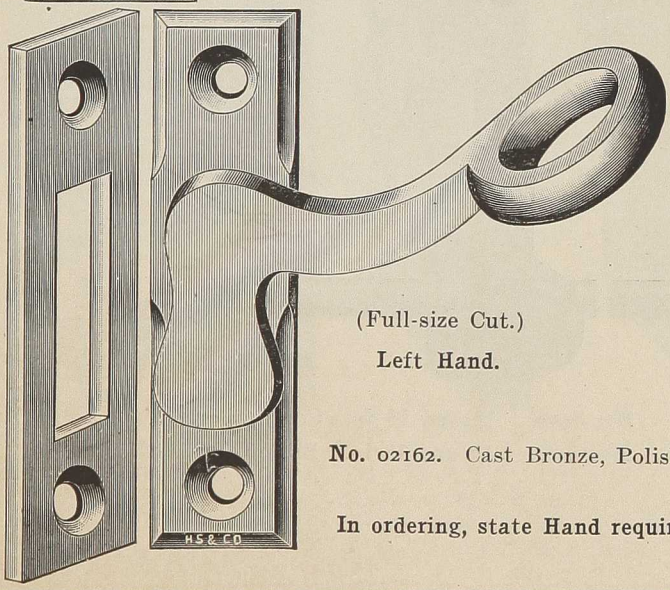
CASEMENT FASTENERS.





(Full-size Cut.)

No. 02161. Cast Bronze, Polished.



(Full-size Cut.)

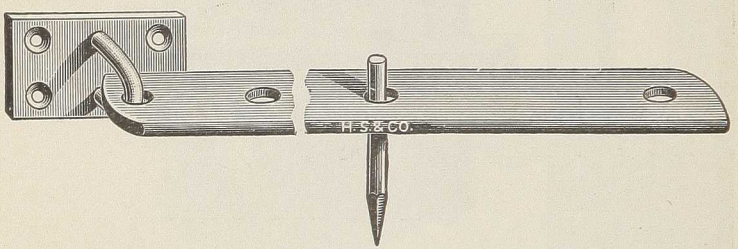
Left Hand.

No. 02162. Cast Bronze, Polished.

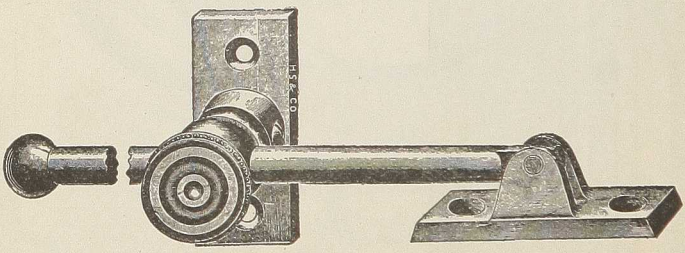
In ordering, state Hand required.

See Price List.

CASEMENT ADJUSTERS.



No. P74. 10 in. Copper Plated.

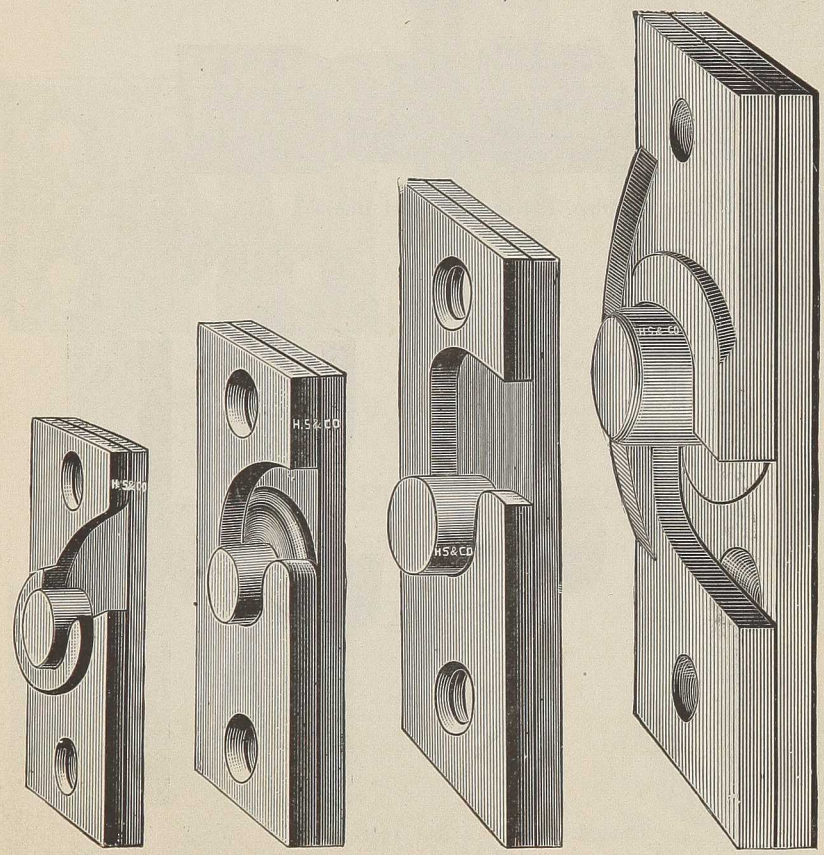


No. 043½. 12 and 15 in. Copper Plated.
No. 43½. 12 and 15 in. Bronze, Polished.

See Price List.

SASH CENTERS.

(Full-size Cuts.)

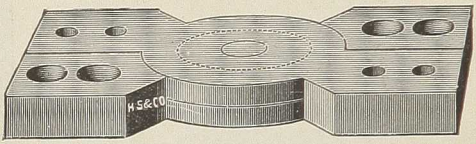


No. 1. No. 22. No. 4. No. 18.

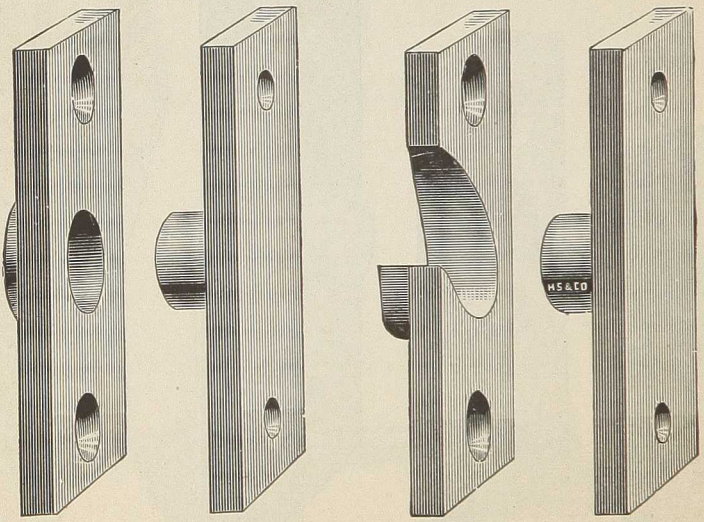
No. 1.	Japanned.	1⅞ x ½ in.
No. 4.	Japanned.	Heavy. 2¾ x ¾ in.
No. 18.	Japanned.	Extra Heavy. 3¾ x 1¼ in.
No. 22.	Japanned.	Extra Heavy. 2¼ x ¾ in.

See Price List.

SASH CENTERS.



No. 1306. Cast Bronze, Polished. Steel Bushed. 1¾, 2, and 2¼ in. wide.



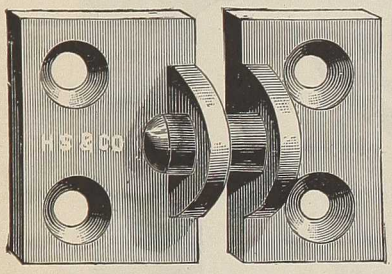
Closed. **No. 1330.** **Open.**

No. 1330. 2¼ x ¾ in. Cast Brass, Polished.
No. 1331. 2¾ x 1½ in. Cast Bronze, Polished. Extra Heavy.

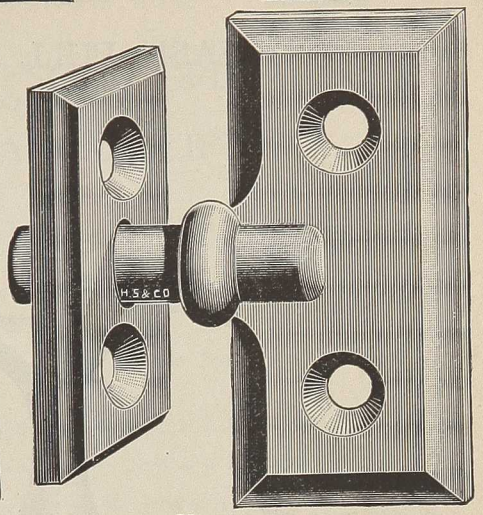
When ordering, state whether Open or Closed are wanted.

See Price List.

SASH CENTERS.



No. 1333½.

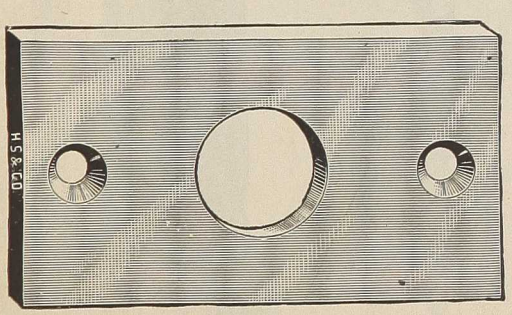


No. 20.

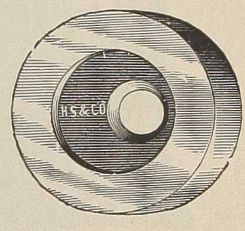
No. 20. 2⅜ x 1⅛ in. Iron. For recess sashes.
No. 1333½. 1¾ x 1 in. Iron, Amber Bronzed.

SASH PULL PLATES.

(Full-size Cuts.)



No. P1310.



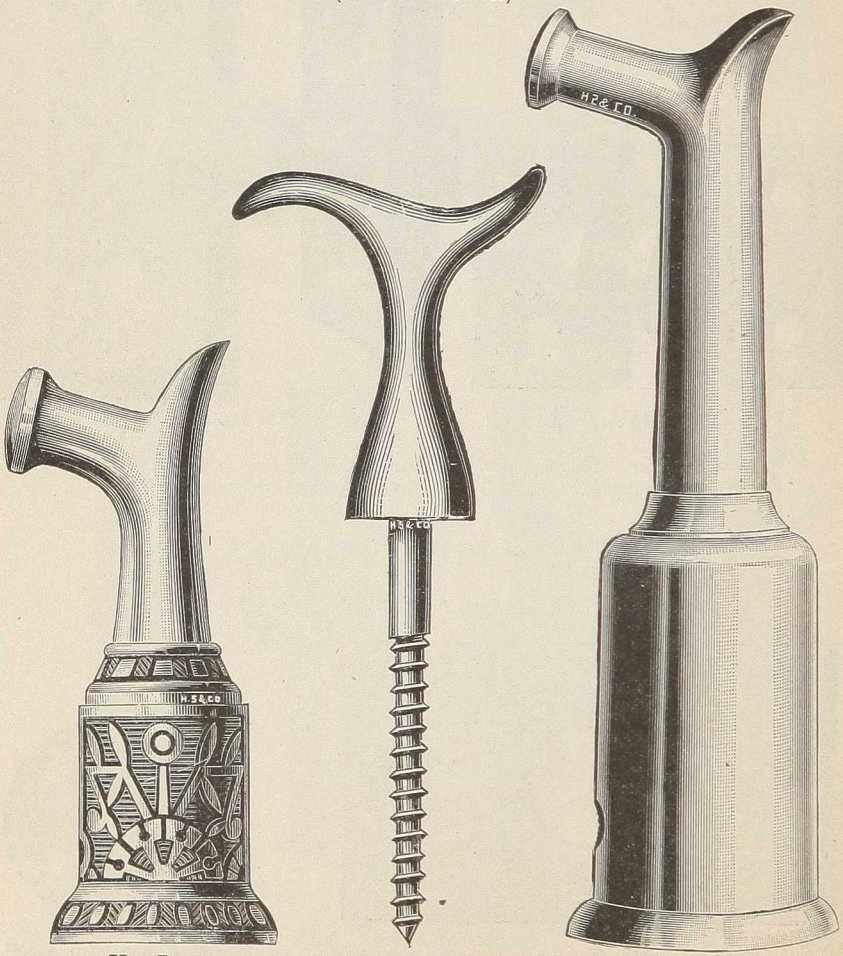
Nos. 400 and 800P.

No. 400. Iron, Amber Bronzed.
No. 800P. Cast Bronze, Polished.
No. P1310. Cast Bronze, Polished.

See Price List.

SASH PULL HOOKS.

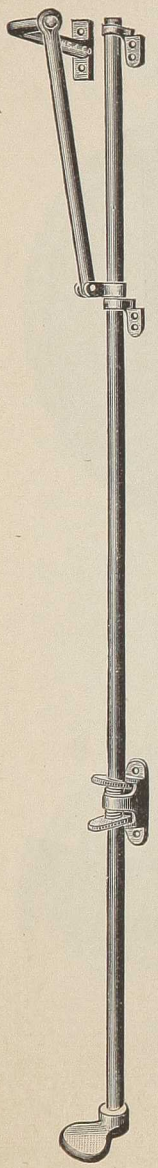
(Full-size Cuts.)



No. D315. No. 1818. No. P1315½.

No. D315. Iron, Amber Bronzed. Windsor Design.
No. P1315½. Cast Bronze, Polished.
No. 1818. Cast Brass, Polished.

See Price List.



"SOLID GRIP"

TRANSOM LIFTERS.

Can be used either for Top, Bottom, or Center-hinged Transoms.

Copper-bronzed Iron.

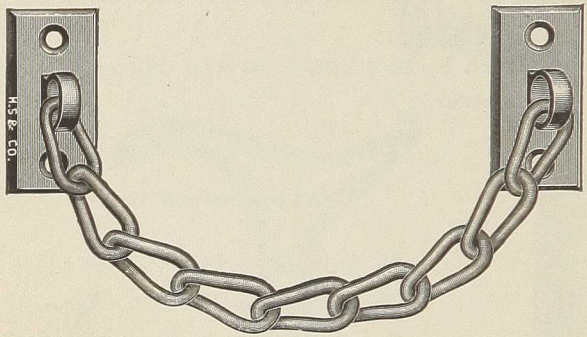
No. 303. ¼ in Rod x 3 feet long.
No. 304. ¼ in. Rod x 4 feet long.
No. 314. 5/16 in. Rod x 4 feet long.
No. 315. 5/16 in. Rod x 5 feet long.
No. 325. ⅜ in. Rod x 5 feet long.
No. 326. ⅜ in. Rod x 6 feet long.
No. 338. ½ in. Rod x 8 feet long.

Real Bronze Metal.

No. 0314. 5/16 in Rod x 4 feet long.
No. 0315. 5/16 in. Rod x 5 feet long.
No. 0326. ⅜ in. Rod x 6 feet long.

To find the proper length of Lifter wanted, measure from floor to center of Transom, then deduct 5 feet for a top or center-hung Transom; or 3½ feet for a Transom hung at the bottom.

TRANSOM CHAINS.

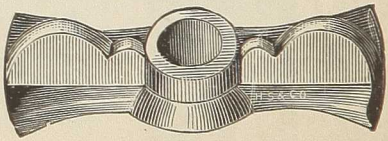


No. 0200. 12 and 15 in. Amber Bronzed.
No. N0200. 12 and 15 in. Bronze Plated.

DOOR BUTTONS.

No. 1883.

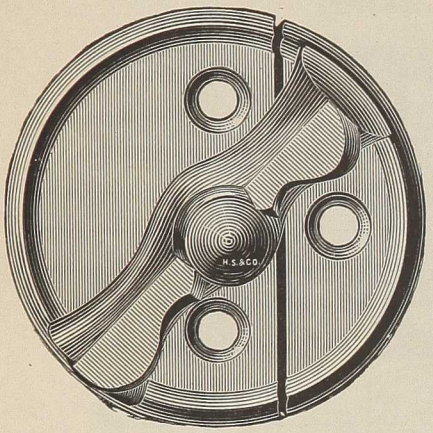
No. 196.



No. 10.

No. 1883. Cast Brass, Polished. 7/8 in.
No. 196. Wrought Brass, Polished. 1¼, 1½, and 2 in.
No. 10. Japanned. 1¼, 1½, 2, and 2½ in.

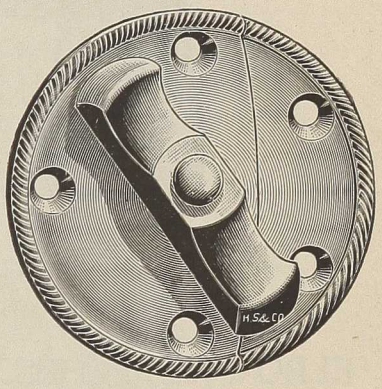
DOOR BUTTONS ON PLATE.



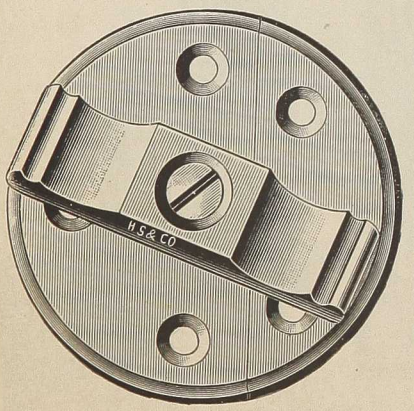
No. 20.

No. 20. Japanned.
1½, 2, and 2½ in.

No. 186. Wrought Brass, Polished.
2 in.



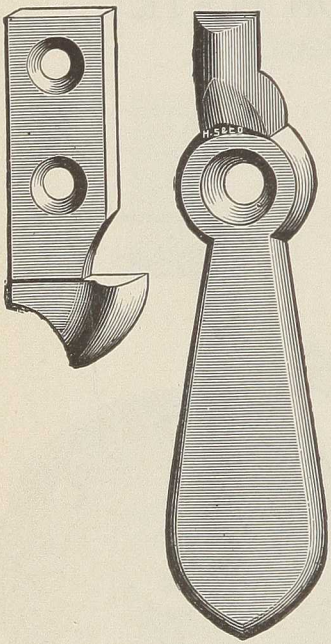
No. 186.



Nos. 187 and 187½.

No. 187. Cast Brass, Polished.
1⅞ in.
No. 187½. Cast Bronze, Polished.
1⅞ in.

See Price List.

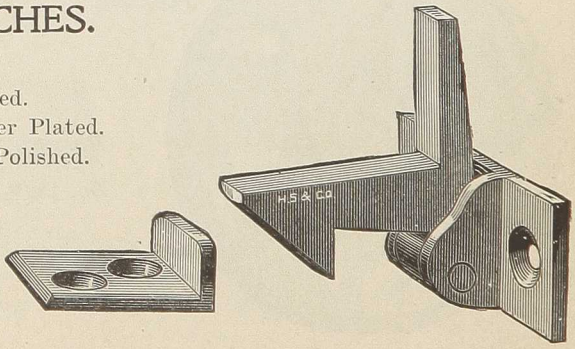


DROP CATCHES.

No. 54. Iron, Coppered.

ELBOW CATCHES.

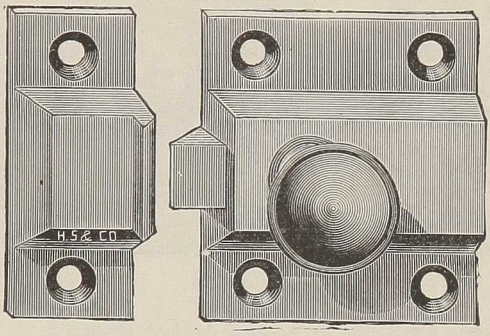
No. 6300. Iron, Japanned.
No. 6300½. Iron, Copper Plated.
No. 6500. Cast Brass, Polished.



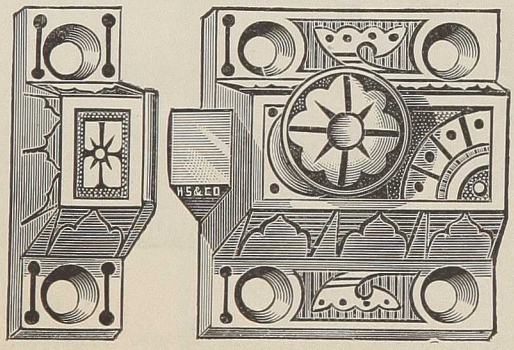
See Price List.

CUPBOARD CATCHES.

(Full-size Cuts.)



No. 2270½.	1⅜ x 1	in.	Cast Bronze, Polished.
No. 2271½.	1⅜ x 1¼	in.	Cast Bronze, Polished.
No. 2272½.	1¾ x 1½	in.	Cast Bronze, Polished.
No. N13270.	1⅜ x 1	in.	Iron, Bronze Plated.
No. N13271.	1⅜ x 1¼	in.	Iron, Bronze Plated.
No. N13272.	1¾ x 1½	in.	Iron, Bronze Plated.
No. R13272.	1¾ x 1½	in.	Iron, Antique Copper Finish.

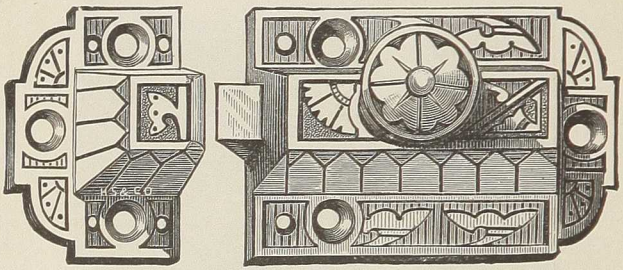


No. 3270.	1⅜ x 1	in.	Iron, Amber Bronzed.
No. 3271.	1⅜ x 1¼	in.	Iron, Amber Bronzed.
No. 3270, 11 Finish.	1⅜ x 1	in.	Iron, Copper Plated.
No. 3271, 11 Finish.	1⅜ x 1¼	in.	Iron, Copper Plated.

See Price List.

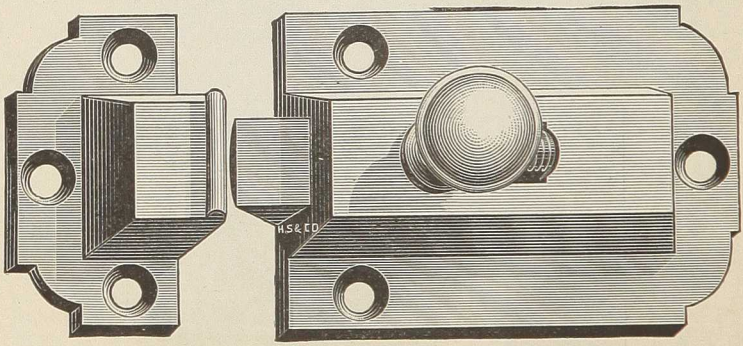
CUPBOARD CATCHES.

(Full-size Cuts.)



No. 3029.

No. 3029. 1⅝ x 1⅜ in. Iron, Amber Bronzed.
No. 3030. 2¼ x 1½ in. Iron, Amber Bronzed.
No. 3029, 11 Finish. 1⅝ x 1⅜ in. Iron, Copper Plated.
No. 3030, 11 Finish. 2¼ x 1½ in. Iron, Copper Plated.



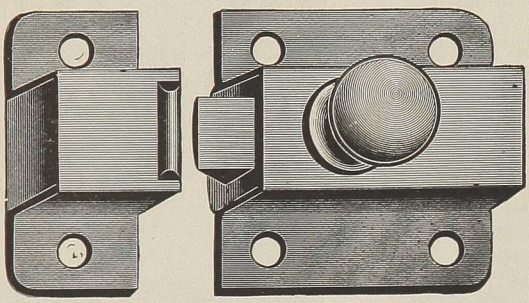
No. 13030.

No. 2265½. 2¼ x 1⅜ in. Cast Bronze, Polished.
No. N13029. 1⅝ x 1⅜ in. Iron, Bronze Plated.
No. N13030. 2¼ x 1½ in. Iron, Bronze Plated.
No. R13030. 2¼ x 1½ in. Iron, Antique Copper Finish.

See Price List.

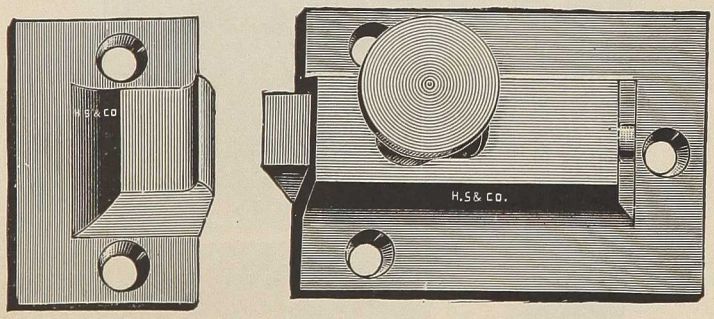
CUPBOARD CATCHES.

(Full-size Cuts.)



Nos. 1271 and N11271.

No. 1229.	1¾ x 1⅜ in.	Wrought Bronze, Polished.
No. 1270.	1 x 1⅜ in.	Wrought Bronze, Polished.
No. 1271.	1⅜ x 1⅜ in.	Wrought Bronze, Polished.
No. N11270.	1⅜ x 1⅜ in.	Wrought Iron, Bronze Plated.
No. N11271.	1⅜ x 1⅜ in.	Wrought Iron, Bronze Plated.
No. N12029.	1¾ x 1⅜ in.	Wrought Iron, Bronze Plated.
No. N12030.	2 x 1⅜ in.	Wrought Iron, Bronze Plated.
No. R12030.	2 x 1⅜ in.	Wrought Iron, Antique Copper Finish.

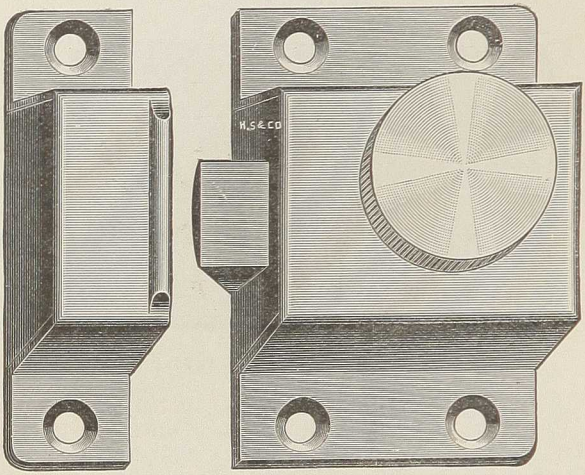


No. 6350½. 2 x 1⅜ in. Cast Bronze, Polished. **In ordering, state** whether regular or reverse bevel is wanted.

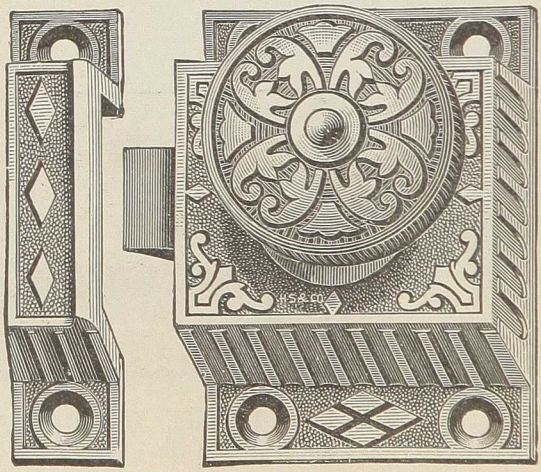
See Price List.

CUPBOARD TURNS.

(Full-size Cuts.)



No. N13047. Wrought Iron, Bronze Plated.
No. R13047. Wrought Iron, Antique Copper Finish.

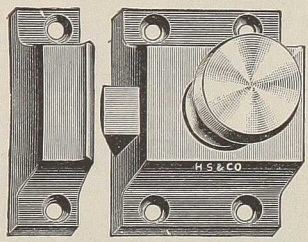


No. T4230. Iron, Amber Bronzed.

See Price List.

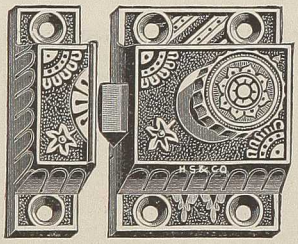
CUPBOARD TURNS.

(One-half-size Cuts.)



Nos. 2241½ and 13041.

No. P1410. 1⅛ x 1⅝ in. Cast Bronze, Polished.
No. 2241½. 1½ x 2 in. Cast Bronze, Polished.
No. N13041. 1½ x 2 in. Iron, Bronze Plated.
No. R13041. 1½ x 2 in. Iron, Antique Copper Finish.

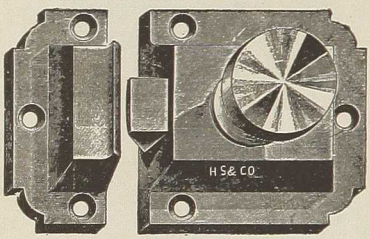


No. 3041. Iron, Amber Bronzed. Bronze Metal Knob.
No. N3041. Iron, Bronze Plated.
No. 3041, 11 Finish. Iron, Copper Plated.

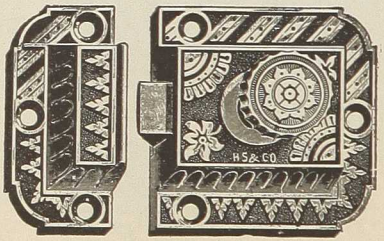
See Price List.

CUPBOARD TURNS.

(One-half-size Cuts.)



No. 2242½. Cast Bronze, Polished.
No. N13042. Iron, Bronze Plated.
No. R13042. Iron, Antique Copper Finish.

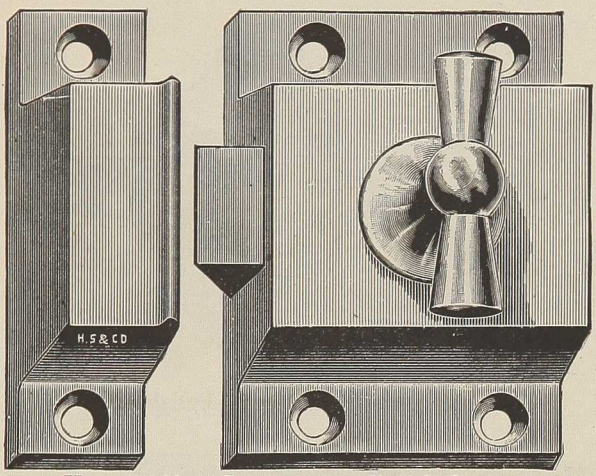


No. 3042. Iron, Amber Bronzed. Bronze Metal Knob.
No. N3042. Iron, Bronze Plated.

See Price List.

CUPBOARD TURNS.

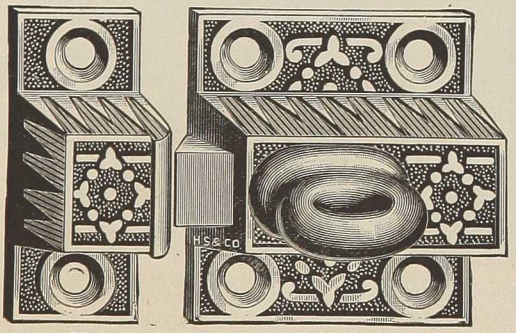
(Full-size Cut.)



No. 2039½. Cast Bronze, Polished.
No. N13039. Iron, Bronze Plated.
No. R13039. Iron, Antique Copper Finish.

TRANSOM CATCHES.

(Full-size Cut.)

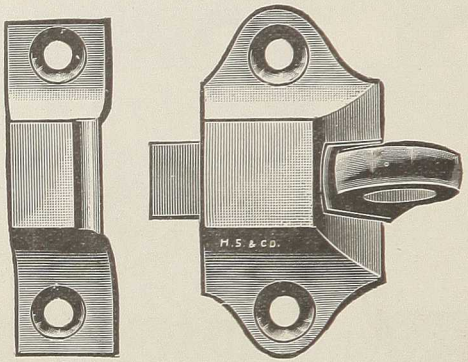


No. 3279. Iron, Amber Bronzed.

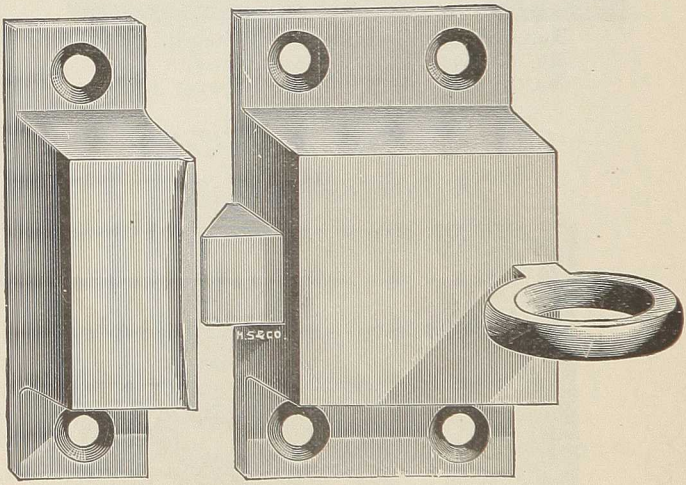
See Price List.

TRANSOM CATCHES.

(Full-size Cuts.)



No. 36. Cast Bronze, Polished.

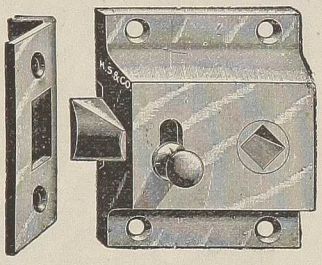


No. 2278½. Plain. Cast Bronze, Polished.
No. N13278. Plain. Iron, Bronze Plated.
No. 3278. Ornamental. Iron, Amber Bronzed.

See Price List.

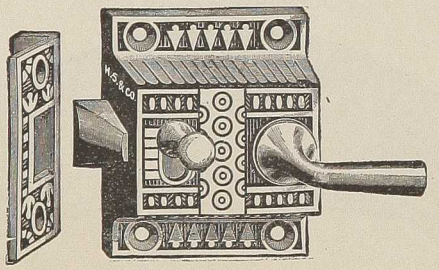
SCREEN DOOR CATCHES.

(One-half-size Cuts.)



With Bronze Polished Knobs.

No. P448½. Iron, Bronze Plated. Reverse Bevel. With Stop.
No. P1448. Cast Bronze, Polished. Reverse Bevel. With Stop.



WINDSOR DESIGN.

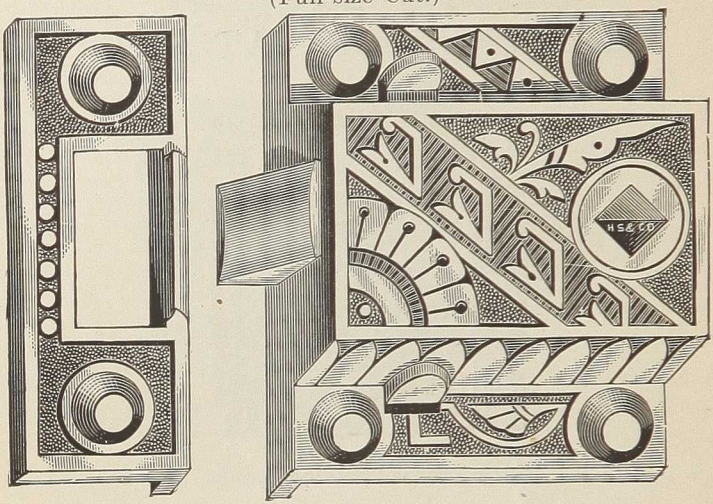
With Amber Bronzed Lever Handles.

No. D443. Iron, Amber Bronzed. Reverse Bevel. With Stop.

See Price List.

SCREEN DOOR CATCHES.

(Full-size Cut.)

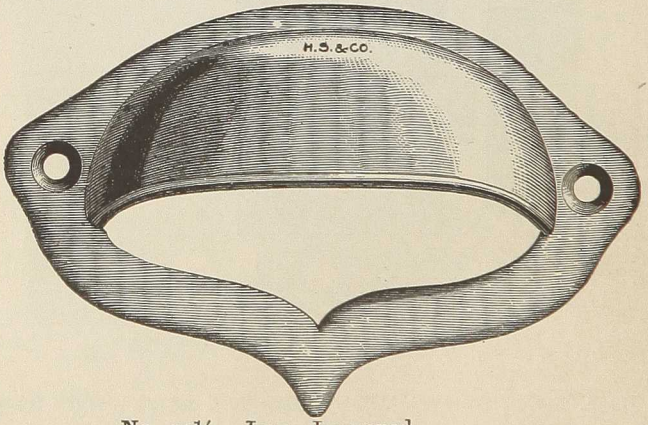


With 1 pair Amber Bronzed Knobs.

No. 3052. Iron, Amber Bronzed. Reverse Bevel. With Stop.

DRAWER PULLS.

(Three-quarter-size Cut.)



No. 10½. Iron, Japanned.

See Price List.

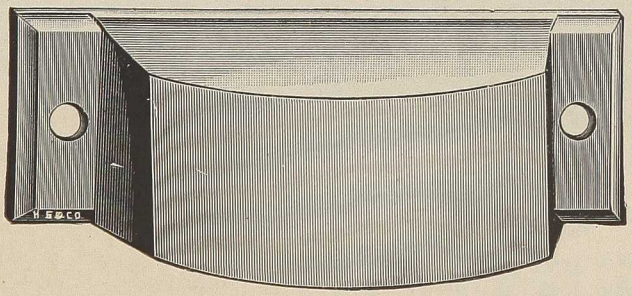
DRAWER PULLS.

No. 2103½. 1⅝ x 3⅞ in. Wrought Bronze, Polished.
No. 2106½. 1½ x 3½ in. Wrought Bronze, Polished.
No. 2107½. 1¼ x 3 in. Wrought Bronze, Polished.

No. 02103½. 1⅝ x 3⅞ in. Wrought Steel, Amber Bronzed.
No. 02106½. 1½ x 3½ in. Wrought Steel, Amber Bronzed.
No. 02107½. 1¼ x 3 in. Wrought Steel, Amber Bronzed.

No. N02103½. 1⅝ x 3⅞ in. Wrought Steel, Bronze Plated.
No. N02106½. 1½ x 3½ in. Wrought Steel, Bronze Plated.
No. N02107½. 1¼ x 3 in. Wrought Steel, Bronze Plated.

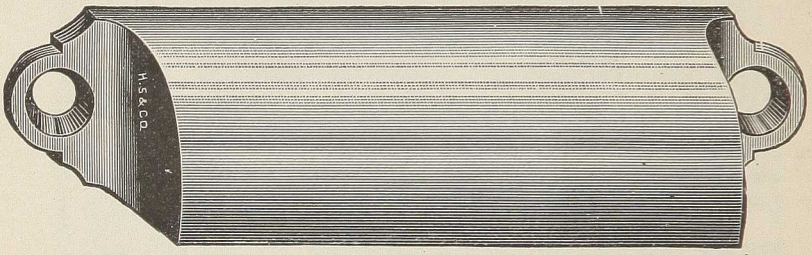
No. R02103½. 1⅝ x 3⅞ in. Wrought Steel, Antique Copper Finish.
No. R02106½. 1½ x 3½ in. Wrought Steel, Antique Copper Finish.
No. R02107½. 1¼ x 3 in. Wrought Steel, Antique Copper Finish.



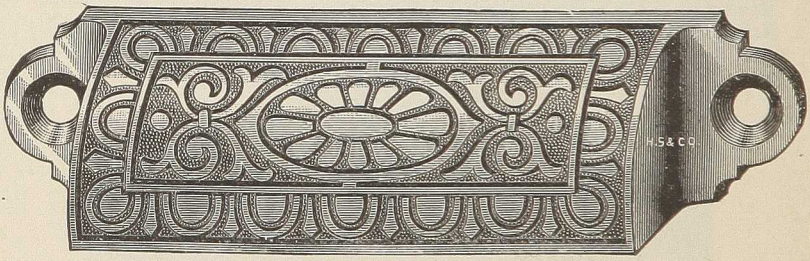
No. 1352. 2⅞ x 1 in. Cast Bronze, Polished.
No. 1353. 3⅜ x 1 in. Cast Bronze, Polished.

See Price List.

DRAWER PULLS.



No. 1358.	7/8 x 3 1/4 in.	Cast Bronze, Polished.
No. 1359.	7/8 x 3 3/4 in.	Cast Bronze, Polished.
No. 1360.	1 x 4 1/4 in.	Cast Bronze, Polished.
No. R01359.	7/8 x 3 3/4 in.	Iron, Antique Copper Finish.

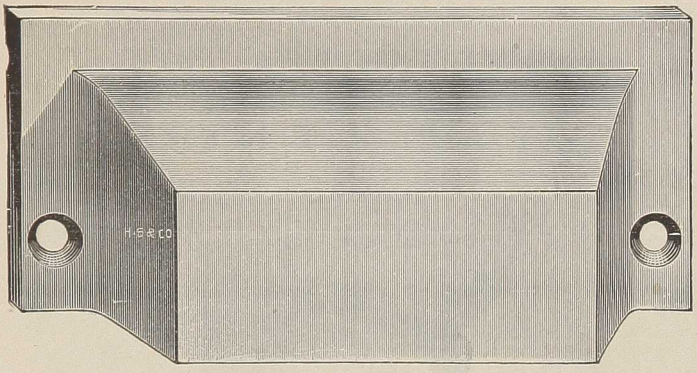


No. 3358.	7/8 x 3 1/4 in.	Iron, Amber Bronzed.
No. 3359.	7/8 x 3 3/4 in.	Iron, Amber Bronzed.
No. 3360.	1 x 4 1/4 in.	Iron, Amber Bronzed.

No. 3358, 11 Finish.	7/8 x 3 1/4 in.	Iron, Copper Plated.
No. 3359, 11 Finish.	7/8 x 3 3/4 in.	Iron, Copper Plated.
No. 3360, 11 Finish.	1 x 4 1/4 in.	Iron, Copper Plated.

See Price List.

DRAWER PULLS.

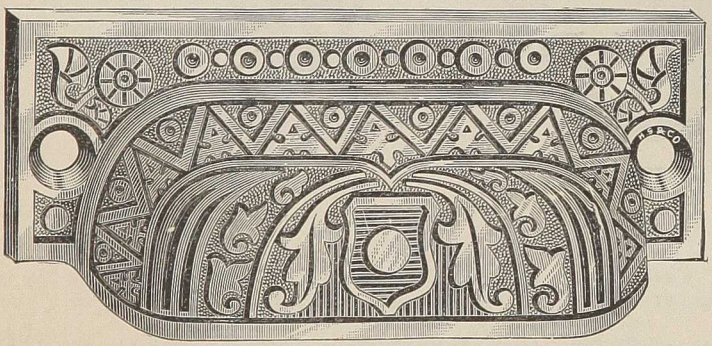


Plain.

No. 1241½. 3⅛ x 1⅜ in. Cast Bronze, Polished.
No. 1242½. 3⅝ x 1⅜ in. Cast Bronze, Polished.
No. N101242. 3⅝ x 1⅜ in. Iron, Bronze Plated.

Ornamental.

No. 01241. 3⅛ x 1⅜ in. Iron, Amber Bronzed.
No. 01241, 11 Finish. 3⅛ x 1⅜ in. Iron, Copper Plated.
No. 01242. 3⅝ x 1⅜ in. Iron, Amber Bronzed.
No. 01242, 11 Finish. 3⅝ x 1⅜ in. Iron, Copper Plated.

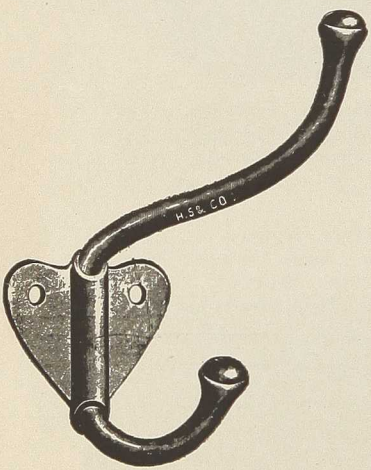


No. 01225. 3¼ x 1¼ in. Iron, Amber Bronzed.
No. 01225, 11 Finish. 3¼ x 1¼ in. Iron, Copper Plated.
No. 01226. 3¾ x 1⅜ in. Iron, Amber Bronzed.
No. 01226, 11 Finish. 3¾ x 1⅜ in. Iron, Copper Plated.

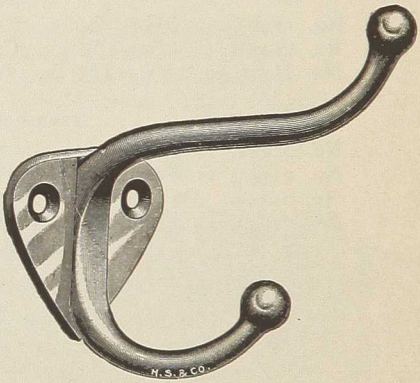
See Price List.

COAT AND HAT HOOKS.

(One-half-size Cuts.)



No. 2872.



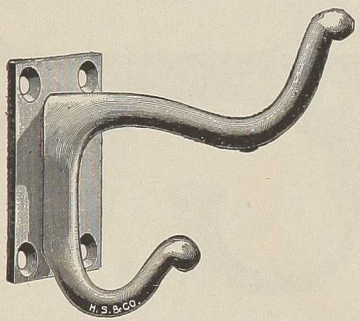
No. 91.
Style of P940.

No. 91. Cast Bronze, Polished. Height, 3¾ in. overall; projects 3½ in.
No. P940, 011 Finish. Iron, Copper Bronzed. Height, 3¾ in. overall; projects 3¼ in.
No. P940, 24 Finish. Iron, Antique Copper Finish. Height, 3¾ in. overall; projects 3¼ in.
No. 2872. Wrought Steel, Bronze Plated, not Polished.

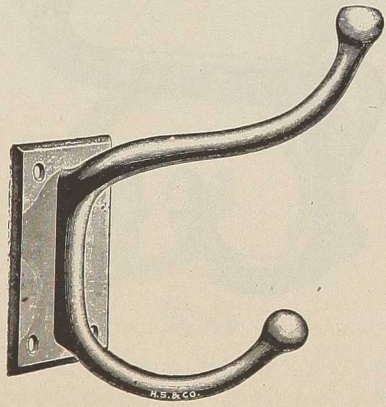
See Price List.

COAT AND HAT HOOKS.

(One-half-size Cuts.)



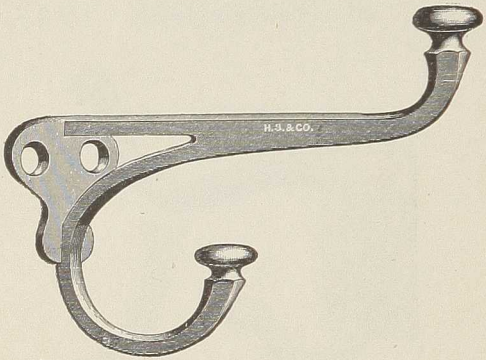
No. 94. Cast Bronze, Polished; Wrought Plate.



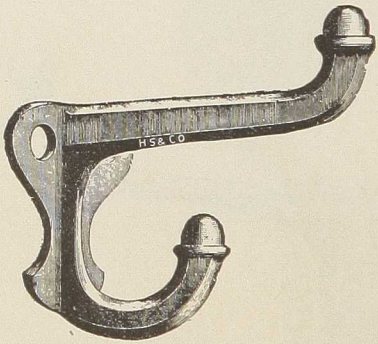
No. 01238½. Cast Bronze, Polished; Wrought Plate.

COAT AND HAT HOOKS.

(One-half-size Cuts.)



Nos. 7½, 8, 108, and 317.



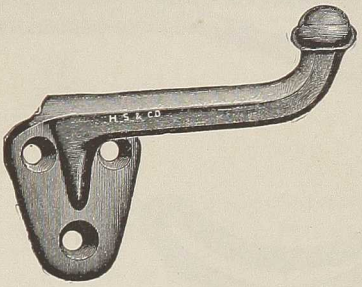
No. 92.

No. 7½.	Iron, Japanned.	Heavy.
No 8.	Iron, Japanned.	Light.
No. 92.	Iron, Japanned.	
No. 108.	Iron, Coppered.	Light.
No. 317.	Iron, Coppered.	Heavy.

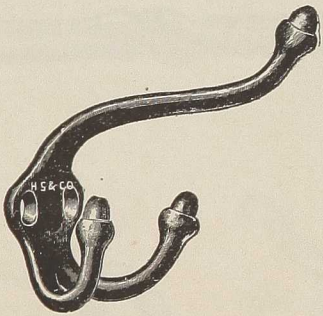
See Price List.

COAT AND HAT HOOKS.

(One-half-size Cuts.)



No. 091.



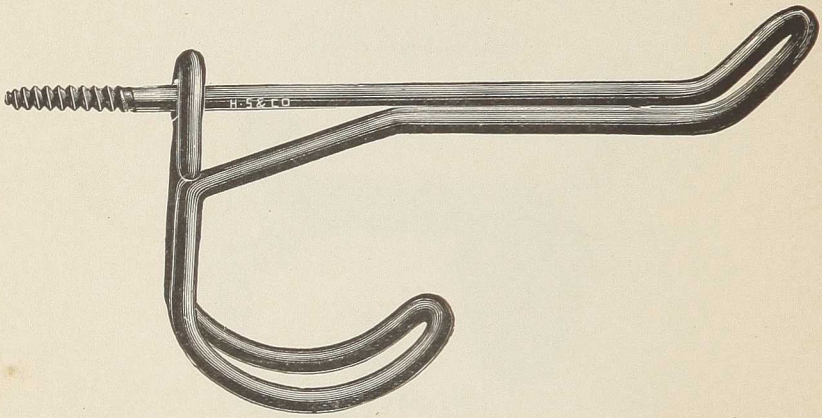
No. 20.

No. 091. Iron, Japanned.
No. 20. Iron, Japanned.

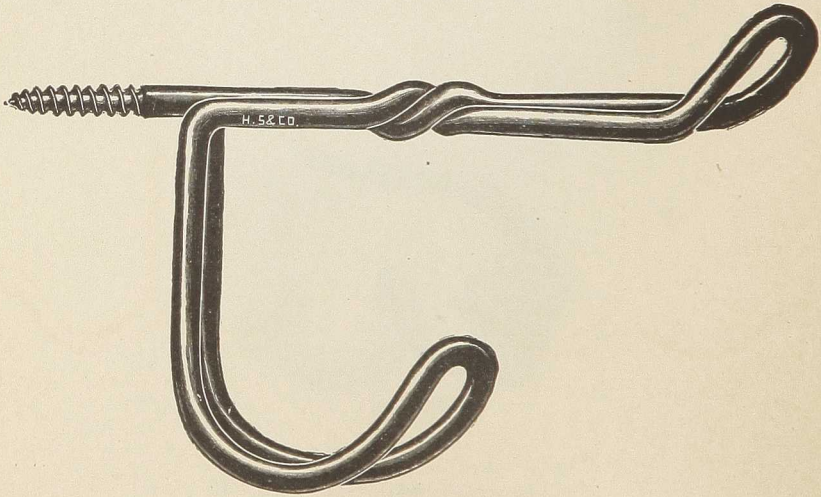
See Price List.

COAT AND HAT HOOKS.

(Full-size Cuts.)



No. 170. Iron Wire, Coppered.

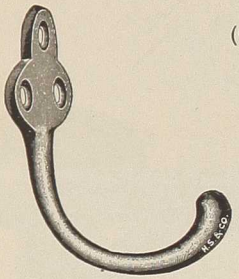


No. 123. Iron Wire, Amber Bronzed.
No. 5123. Iron Wire, Brass Plated.

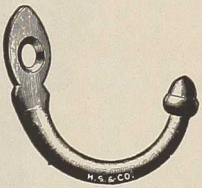
See Price List.

WARDROBE HOOKS.

(One-half-size Cuts.)



No. 249.

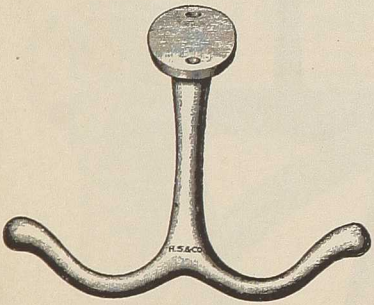


No. 59.

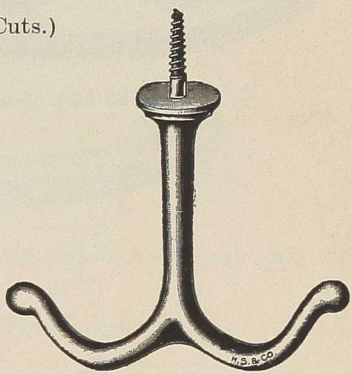
No. 59. Iron, Copper Bronzed.
No. 249. Iron, Bronze Plated.

CEILING HOOKS.

(One-half-size Cuts.)



Nos. 1325 and 01325.



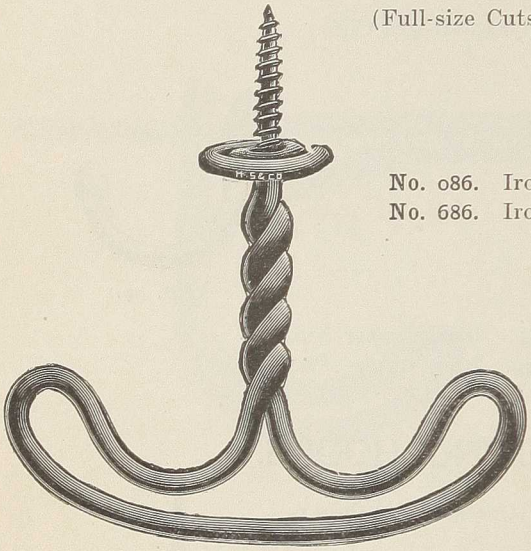
Nos. 105, 1325½, and 01325½.

No. 105. Iron, Copper Bronzed.
No. 1325. Cast Bronze, Polished.
No. 01325. Iron, Bronze Plated.
No. 1325½. Cast Bronze, Polished.
No. 01325½. Iron, Bronze Plated.

See Price List.

CEILING HOOKS.

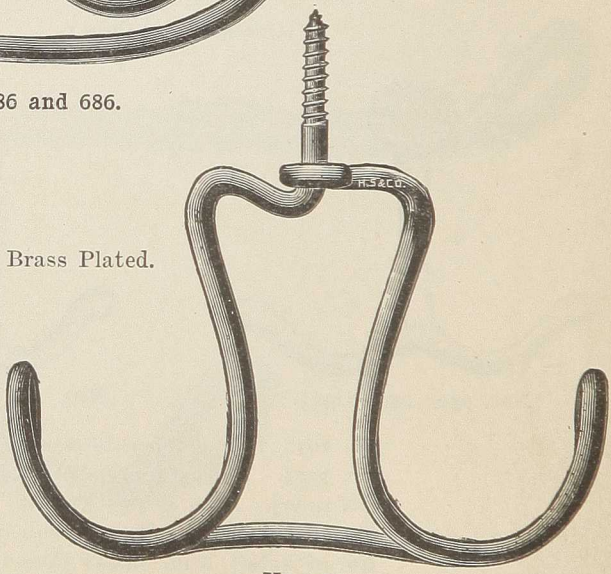
(Full-size Cuts.)



No. 086. Iron Wire, Coppered.
No. 686. Iron Wire, Amber Bronzed.

Nos. 086 and 686.

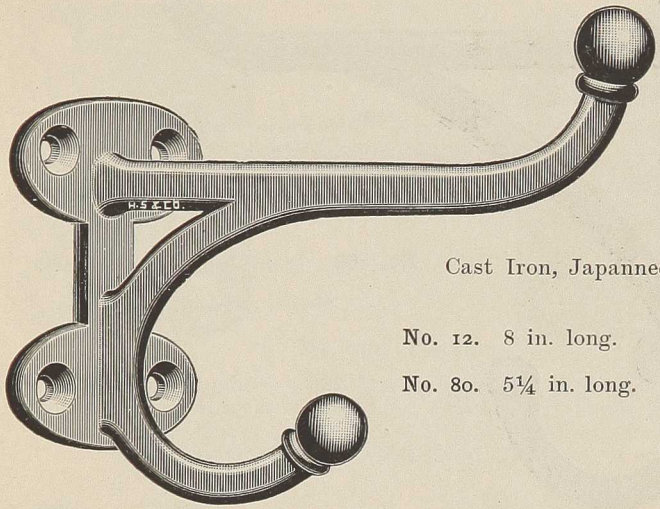
No. 582. Iron Wire, Brass Plated.



No. 582.

See Price List.

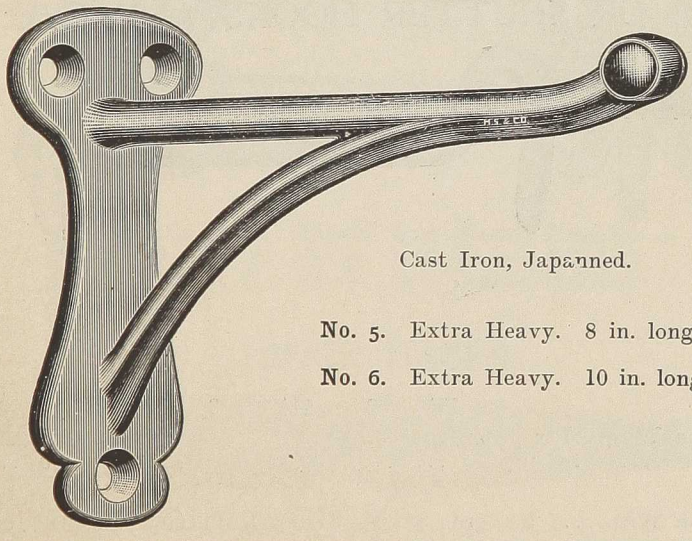
HARNESS HOOKS.



Cast Iron, Japanned.

No. 12. 8 in. long.

No. 80. 5¼ in. long.



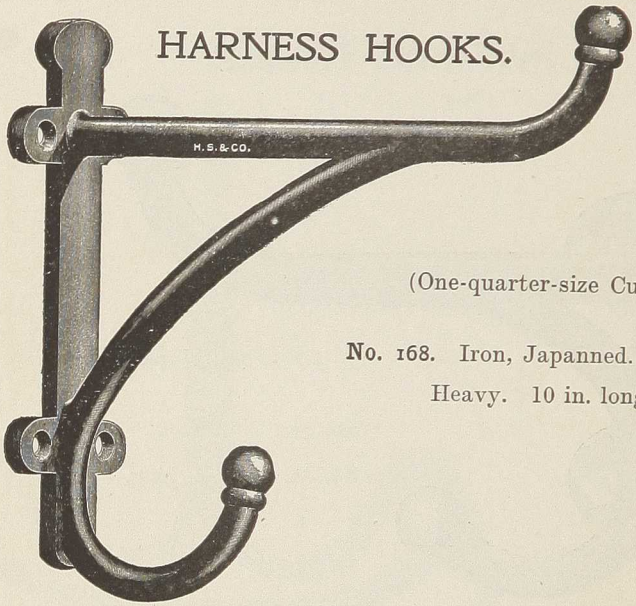
Cast Iron, Japanned.

No. 5. Extra Heavy. 8 in. long.

No. 6. Extra Heavy. 10 in. long.

See Price List.

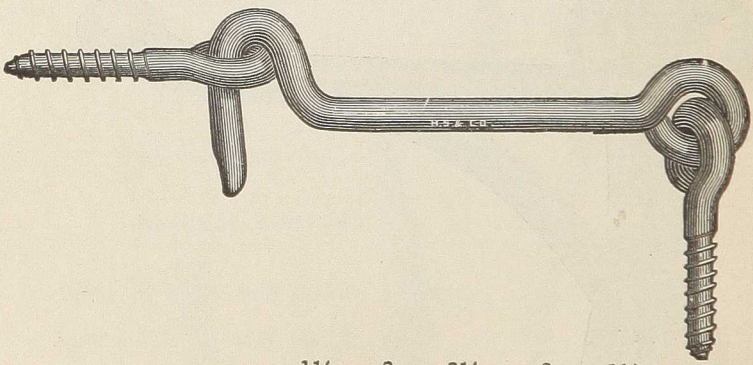
HARNESS HOOKS.



(One-quarter-size Cut.)

No. 168. Iron, Japanned. Extra Heavy. 10 in. long.

GATE OR SHUTTER HOOKS AND EYES.

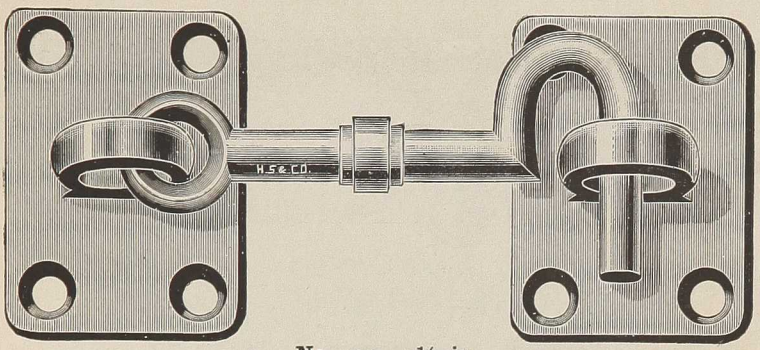


	1½	2	2½	3	3½	4	5 in.
Bright Iron Wire...Per gro.,	$4.75	5.75	6.75	8.00	9.50	10.50	17.00
Brass Wire..... "	....	....	30.00	40.00	50.00	60.00	.....

	6	8	10	12	16 in.
Bright Iron Wire.....Per gro.,	$22.00	26.00	30.00	40.00	60.00

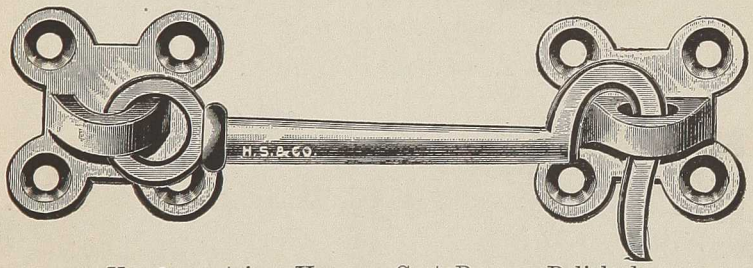
See Price List.

CABIN DOOR HOOKS.



No. 773. 2½ in.

No. 762.	3 in.	Light.	Cast Brass, Polished; Wrought Plates.
No. 773.	2½ in.	Heavy.	Cast Brass, Polished; Wrought Plates.
	4 in.	Heavy.	Cast Brass, Polished; Wrought Plates.
	6 in.	Extra Heavy.	Cast Brass, Polished; Wrought Plates.



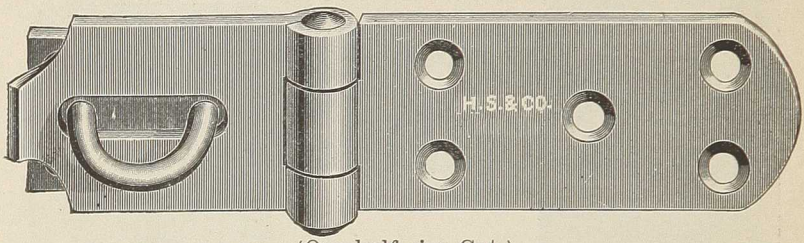
No. 674.	4 in.	Heavy.	Cast Bronze, Polished.
No. 676.	6 in.	Heavy.	Cast Bronze, Polished.
No. 678.	8 in.	Heavy.	Cast Bronze, Polished.

HINGE HASPS.

No. 912. Wrought Steel. 3, 4½, 6, 8, and 10 in.

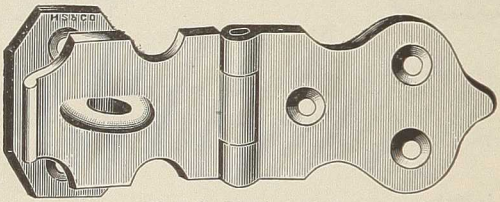
See Price List.

HINGE HASPS.



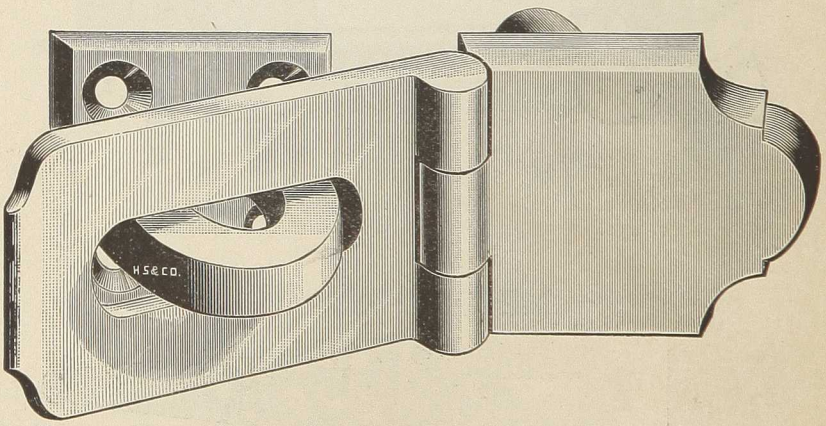
(One-half-size Cut.)

No. 941J. Wrought Steel, Japanned. Extra Heavy.



(One-half-size Cut.)

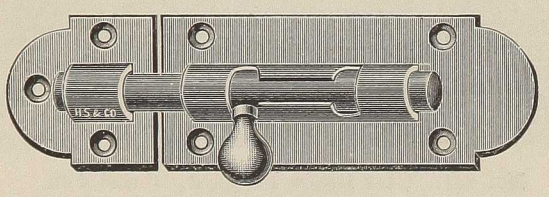
No. 4. Cast Brass, Polished.



No. P1704.	1¼ x 2¼ in.	Cast Bronze, Polished.	With Machine Screws.
	1¾ x 3 in.	Cast Bronze, Polished.	With Machine Screws.

See Price List.

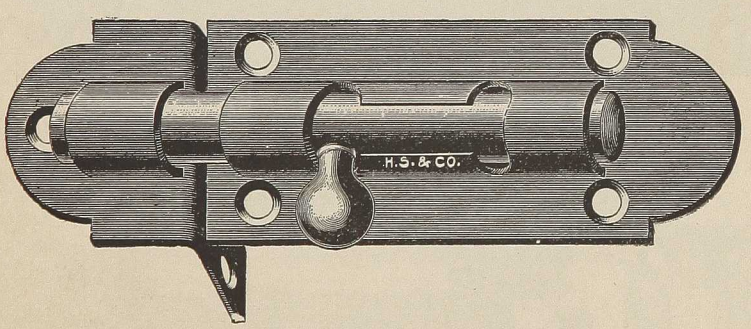
BARREL BOLTS.



No. 362. Iron, Japanned Plate, Brass Knob and Polished Bolt. 3, 4, 5, and 6 in.

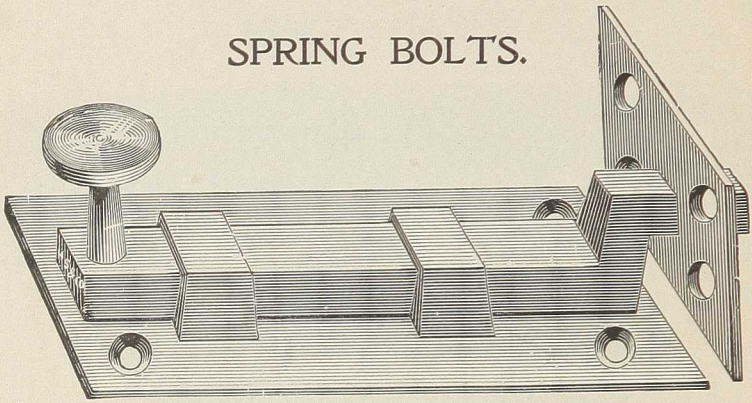
No. 408. Wrought Steel, Bronzed. 3, 4, and 5 in.

No. 1084. Wrought Steel, Japanned Plates, Brass Knob and Polished Bolt. 3, 4, 5, and 6 in.

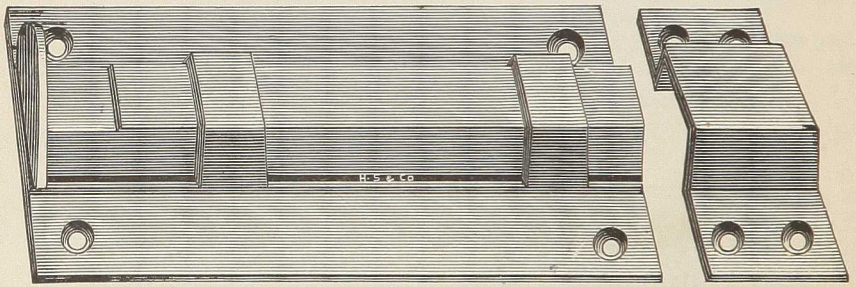


No. 1108. Heavy. Wrought Brass, Polished. 3, 4, and 5 in.

SPRING BOLTS.

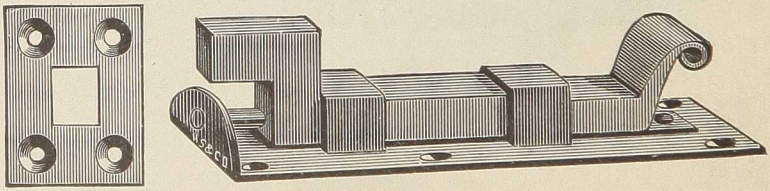


No. 141. Cast Brass, Polished. 3 and 4 in.



No. 145. Cast Brass, Polished. 3, 4, and 5 in.

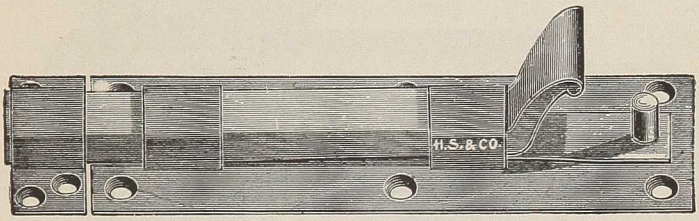
SQUARE NECK SPRING BOLTS.



No. 1102. Wrought Steel. 4, 6, and 8 in.

See Price List.

SQUARE BOLTS.

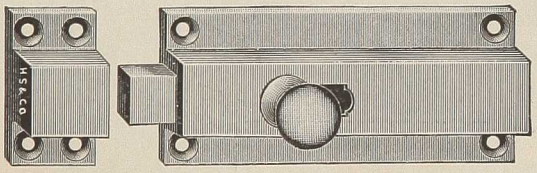


No. 1088.

No. 1088. Wrought Steel, Japanned Plate. With Plain Staples. 3, 4, 5, 6, 7, 8, 10, and 12 in.

No. 1090. Wrought Steel, Japanned Plate. With Floor Plates. 3, 4, 5, 6, 7, 8, 10, and 12 in.

SQUARE CASE DOOR BOLTS.

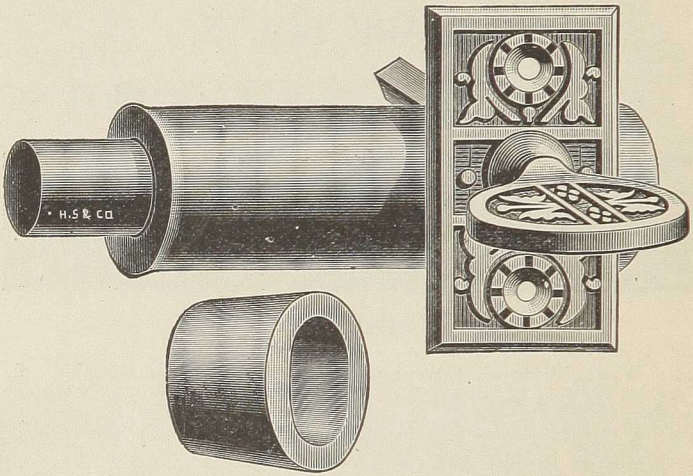


No. 149. Cast Brass, Polished. 2, 3, and 4 in.
No. 2144½. Cast Bronze, Polished. 3 and 4 in.

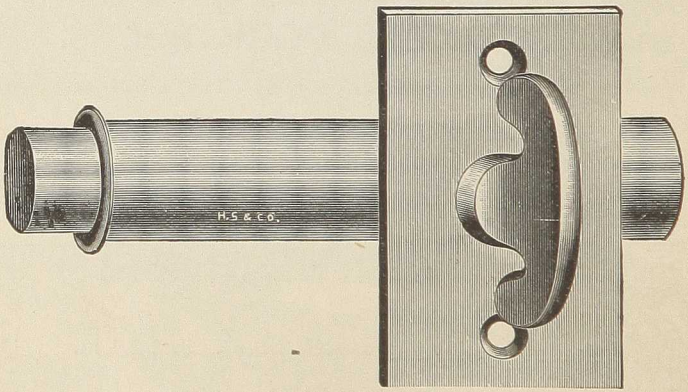
See Price List.

MORTISE DOOR BOLTS.

(Full-size Cuts.)



No. 294A. Iron, Amber Bronzed Plate.

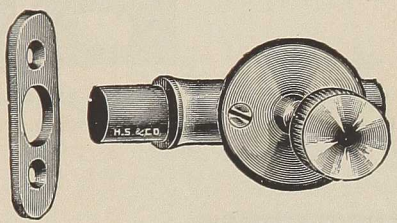


No. 0654½. Wrought Bronze, Polished.
No. 0654½. Wrought Bronze, Antique Copper Finish.

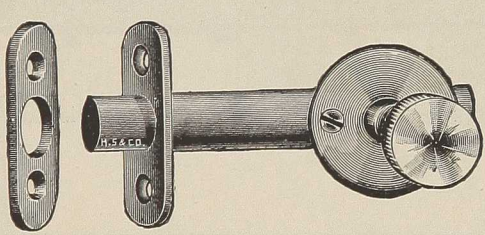
See Price List.

MORTISE DOOR BOLTS.

(One-half-size Cuts.)

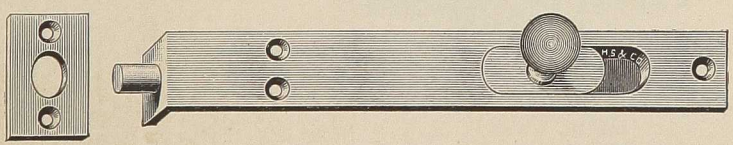


No. 2092. Wrought Steel, Bronze Plated.



No. 96. Wrought Bronze, Polished.

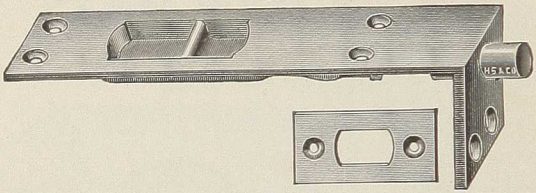
FLUSH BOLTS.



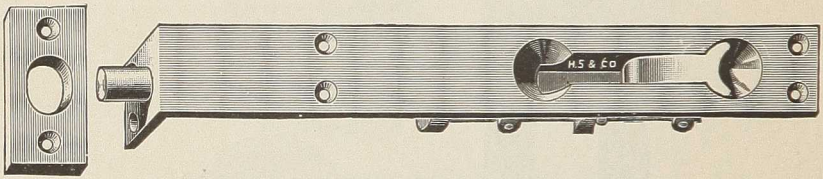
No. P1867. 8, 12, and 18 in. long. Cast Bronze, Polished. Extra Heavy. 1⅛ in. wide.

See Price List.

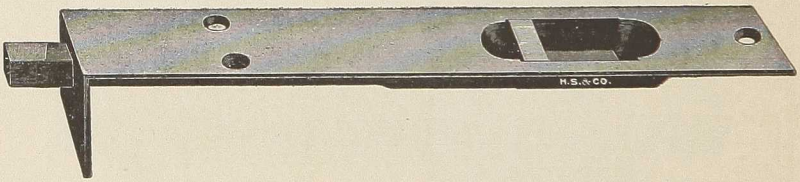
FLUSH BOLTS.



No. 2356. 8, 12, 15, 18, and 24 in. long. Bronze Metal, Polished; Iron Bolt, Brass Head, Patent Stop. 1⅛ in. wide.



No. 2362. 10, 12, and 18 in. long. Bronze Metal, Polished. 1¼ in. wide.



No. 400. 9, 12, 15, 18, 24, and 30 in. long. Wrought Steel, Bronze Plated. 1¼ in. wide.

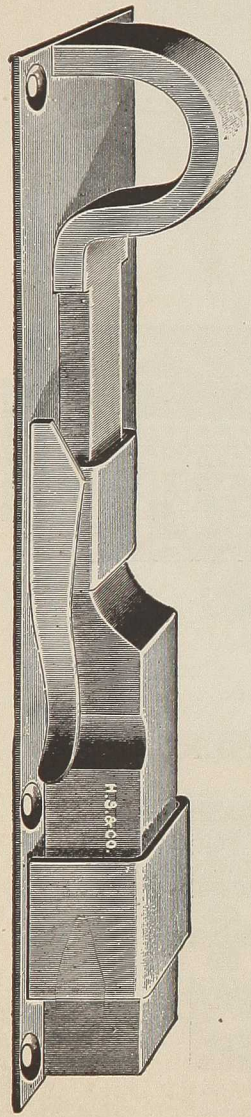
No. 400. 9, 12, and 18 in. long. Wrought Steel, Antique Copper Finish. 1¼ in. wide.

No. 1026. 9, 12, and 18 in. long. Wrought Steel. 1 in. wide.

No. 1028. 9, 12, 15, 18, 24, and 30 in. long. Wrought Steel. 1¼ in. wide.

See Price List.

SURFACE BOLTS.

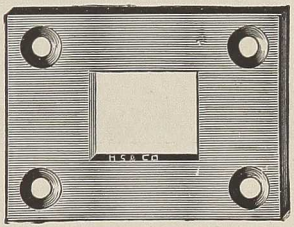


No. 1050.

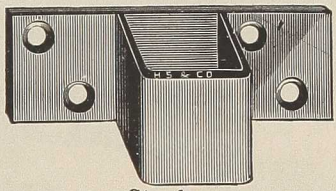
Wrought Steel. 1¾ in. wide.
¾ in. Square Bolts.
8, 10, 12, 15, 18, and 24 in. long.

No. 1054.

Wrought Steel. 1¼ in. wide.
½ in. Square Bolts.
8, 10, 12, 15, 18, and 24 in. long.



Floor Plate.

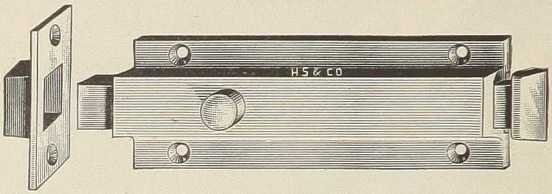


Staple.

In ordering, please state whether Floor Plate or Staple is required.

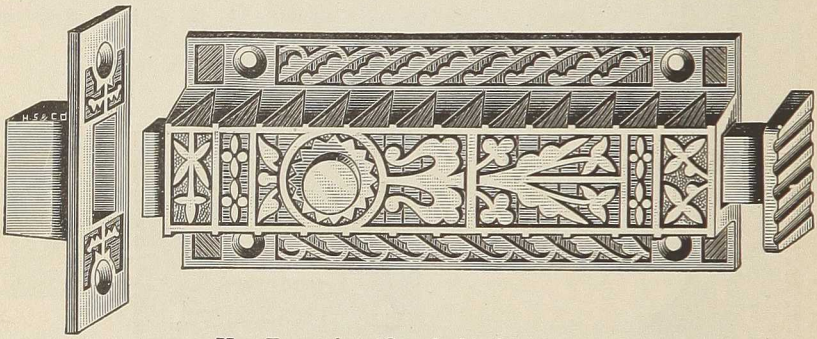
See Price List.

FOOT BOLTS.



(One-third-size Cut.)

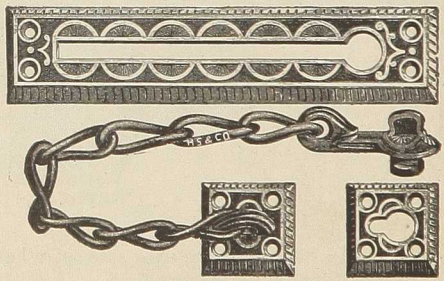
No. P1618. Cast Bronze, Polished. Extra Heavy. 6 and 8 in.



No. T1491A. (One-half-size Cut.)
No. T1491A. Iron, Amber Bronzed. 6 in.
No. 3250. Iron, Bronze Plated. 8 in.

CHAIN DOOR FASTENERS.

(One-third-size Cut.)

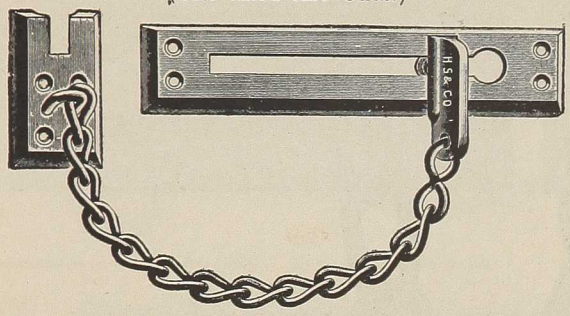


No. 3264. 6 in. Iron, Amber Bronzed.
No. N3264. 6 in. Iron, Bronze Plated.

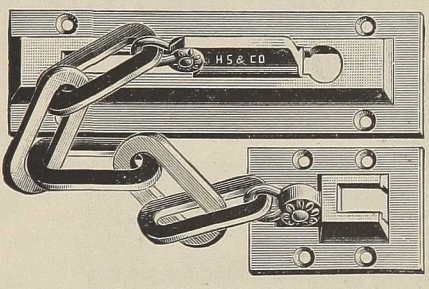
See Price List.

CHAIN DOOR FASTENERS.

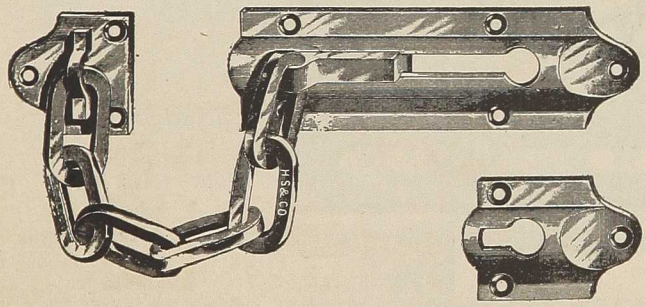
(One-third-size Cuts.)



No. Y156. 6 in. Iron, Bronze Plated.



No. P1343. 6 in. Cast Bronze, Polished.

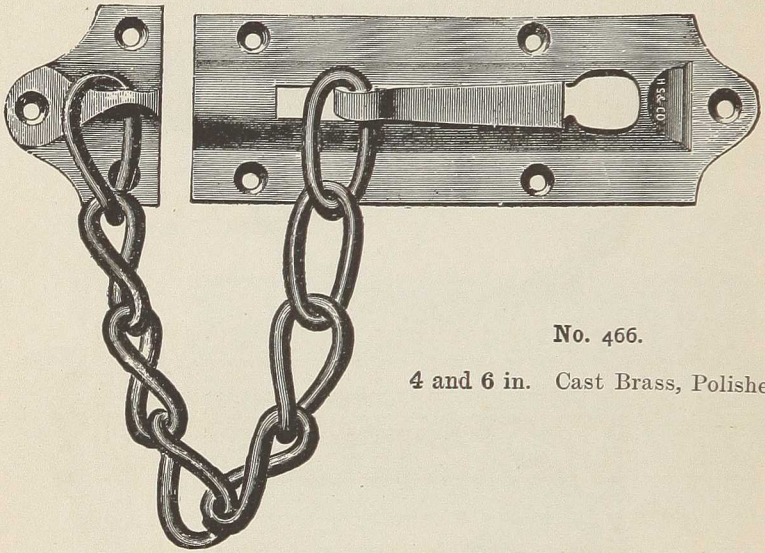


No. 1500. 6 in. Cast Bronze, Polished.

See Price List.

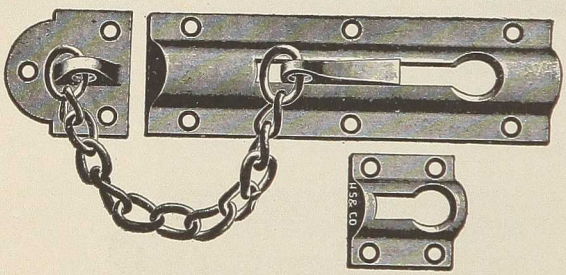
CHAIN DOOR FASTENERS.

(One-third-size Cuts.)



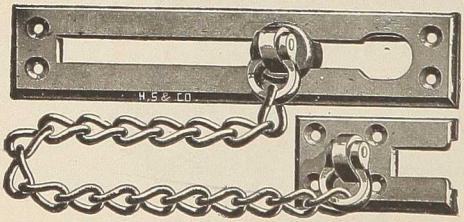
No. 466.

4 and 6 in. Cast Brass, Polished.



No. 472. 6 in.

Cast Brass, Polished.

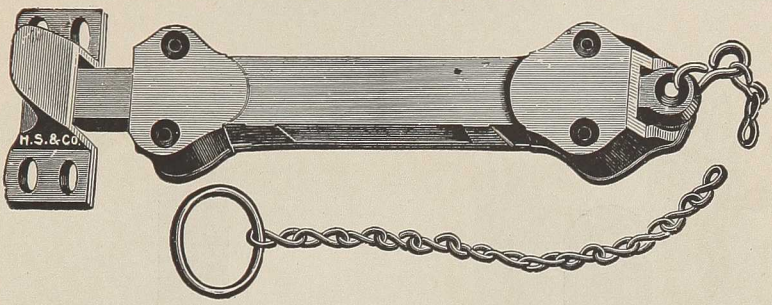


No. 2264½.
6 in. Cast Bronze, Polished.

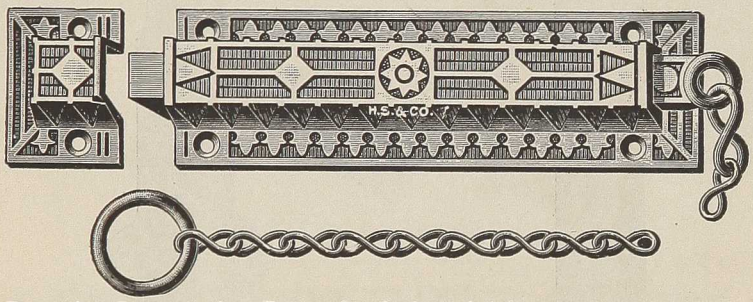
No. 2264½.
6 in. Cast Bronze, Antique Copper Finish.

See Price List.

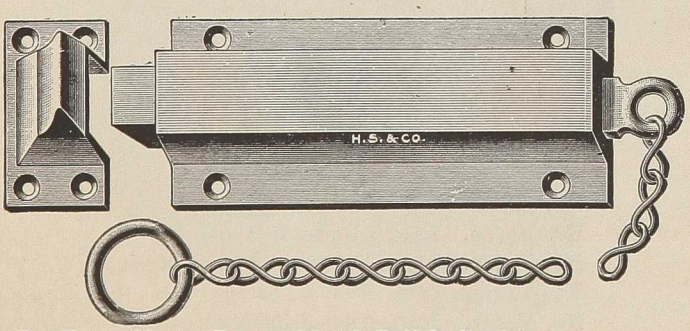
CHAIN BOLTS.



No. 381. Japanned. Polished Bolt. 3, 4, 5, 6, and 8 in.



No. T1481A. Iron, Amber Bronzed. 3, 4, and 6 in.
No. T1484A. Iron, Amber Bronzed. Extra Heavy. Reverse Bevel. 6 in.
No. N3253. Iron, Bronze Plated. 8 in.

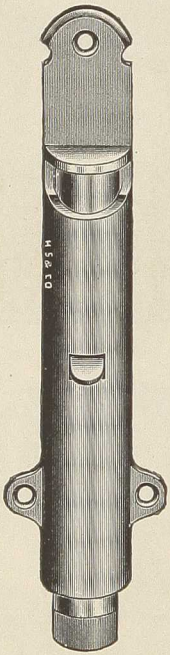


No. 1883P. Extra Heavy Bronze Metal, Polished. 6 in.

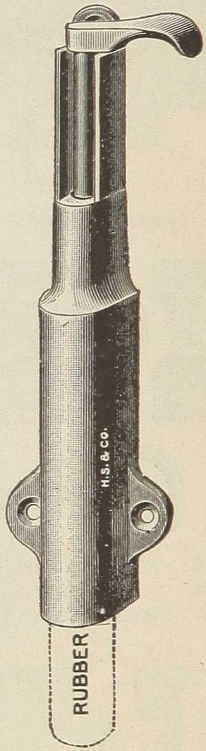
See Price List.

DOOR HOLDERS.

(One-third-size Cuts.)



No. 3860.



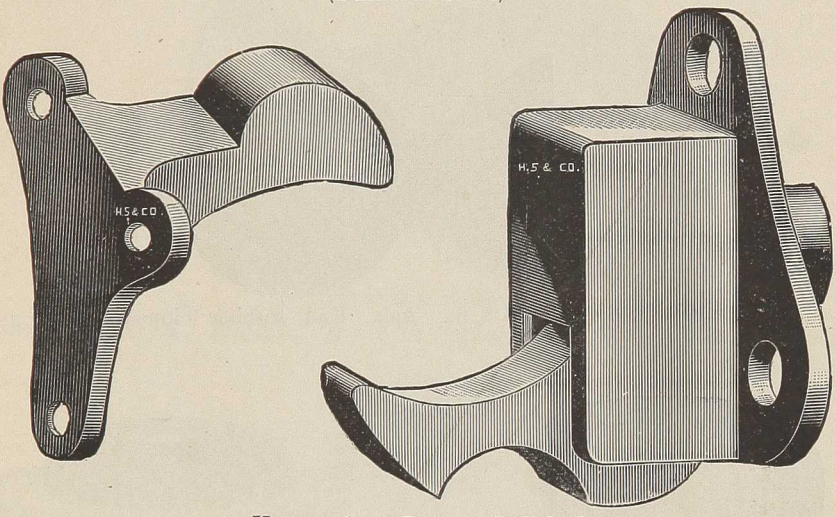
No. 4234.

No. 3860.	Iron, Amber Bronzed.
No. N3860.	Iron, Bronze Plated.
No. R3860.	Iron, Antique Copper Finish.
No. T4234.	Iron, Bronze Plated.
No. Y4234.	Iron, Amber Bronzed.

See Price List.

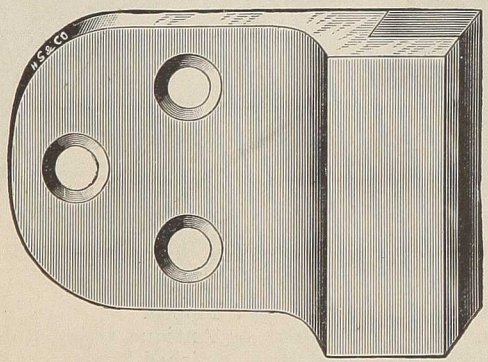
DOOR HOLDERS.

(Full-size Cuts.)



No. 3. Cast Bronze, Polished.

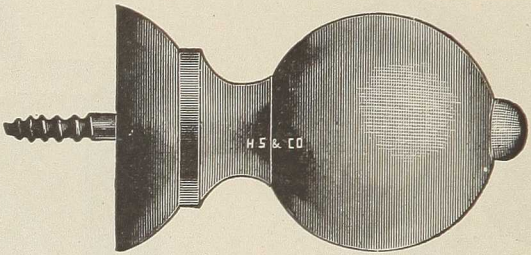
DOOR STOPS OR CLOSET STRIKERS.



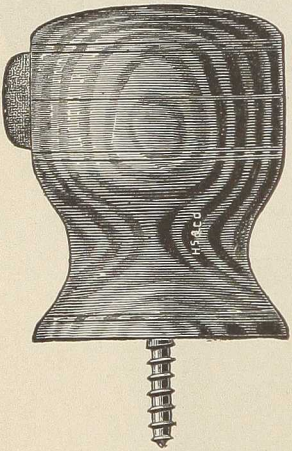
No. 2. Cast Bronze, Polished.
No. 3. Cast Bronze, Nickel Plated.

See Price List.

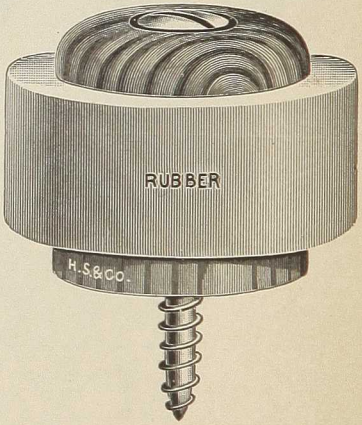
DOOR STOPS.



No. 100. 2½ and 3 in. Ash. End, Rubber Tipped.



No. 130.

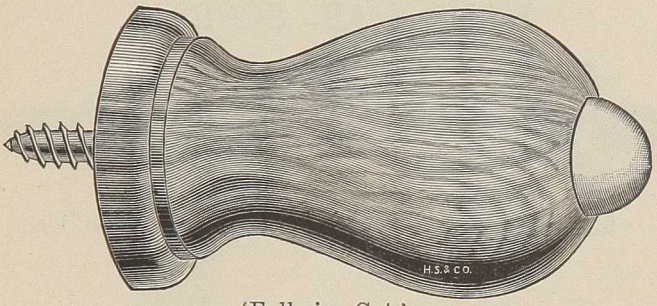


No. 10.

No. 130. 2½ in. Ash. Side, Rubber Tipped.
No. 10. 1⅜ in. Polished Walnut or Antique Oak. Rubber Band ¾ in. Wide. 2 in. Oval Head Polished Screw.

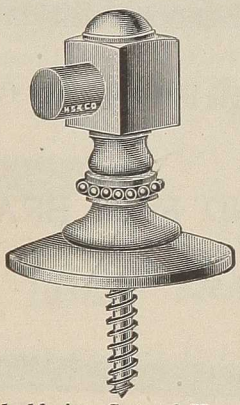
See Price List.

DOOR STOPS.

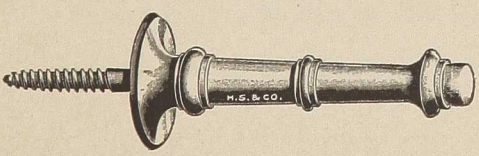


(Full-size Cut.)

No. 150. 2½ in. Polished Cherry or Antique Oak. End, Rubber Tipped.



One-half-size Cut of No. 366.



One-half-size Cut of No. P1725.

No. 366. Bronze, Polished. Side, Rubber Tipped.
No. P1725. Bronze, Polished. End, Rubber Tipped.

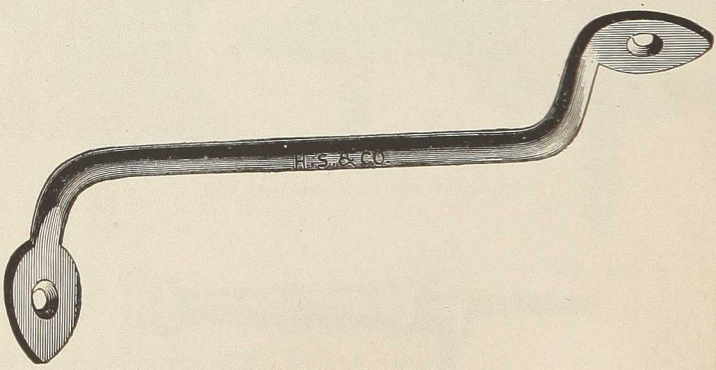
See Price List.

HAND RAIL SCREWS.

Single Nut. 5/16 in. diameter; 4, 4½, and 5 in. long.

Double Nut. 5/16 in. diameter; 4, 4½, and 5 in. long.

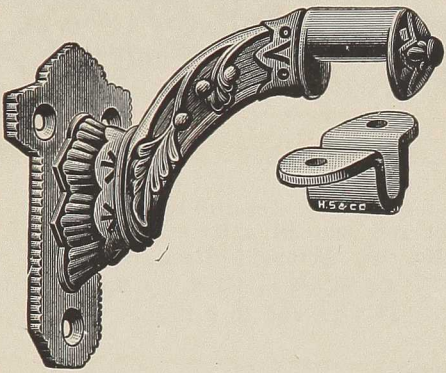
HAND RAIL BRACES.



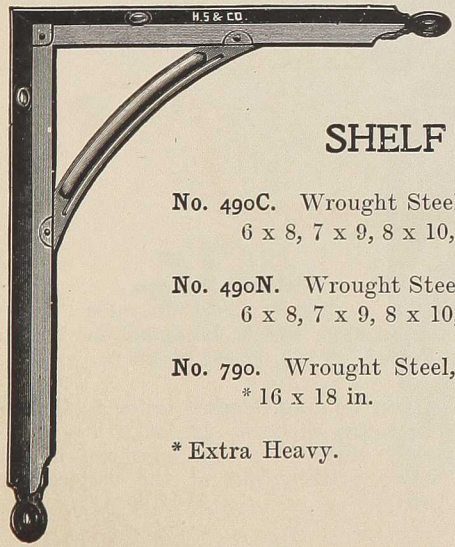
No. 52. Wrought Iron. 5, 6, or 7 in. to center of Rail.

See Price List.

HAND RAIL BRACKETS.



No. 100. Iron, Amber Bronzed. 2¾ in. to center of Rail.
No. 100, 11 Finish. Iron, Copper Plated. 2¾ in. to center of Rail.
No. 101. Iron, Amber Bronzed. 4 in. to center of Rail.
No. 101, 11 Finish. Iron, Copper Plated. 4 in. to center of Rail.
No. 0100½. Bronze Metal. Plain. 3 in. to center of Rail.



SHELF BRACKETS.

No. 490C. Wrought Steel, Brass Plated. 3 x 4, 4 x 5, 5 x 6, 6 x 8, 7 x 9, 8 x 10, 10 x 12, and 12 x 14 in.

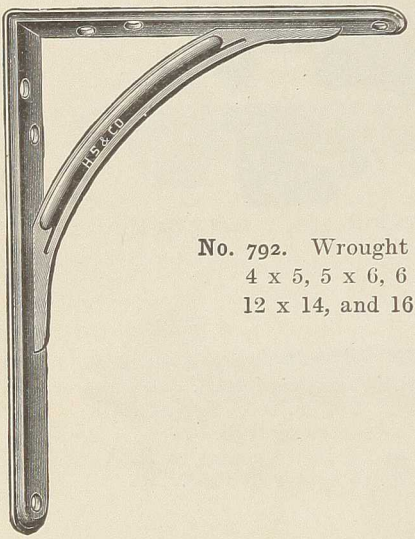
No. 490N. Wrought Steel, Nickel Plated. 3 x 4, 4 x 5, 5 x 6, 6 x 8, 7 x 9, 8 x 10, 10 x 12, 12 x 14, and * 16 x 18 in.

No. 790. Wrought Steel, Japanned. 10 x 12, 12 x 14, and * 16 x 18 in.

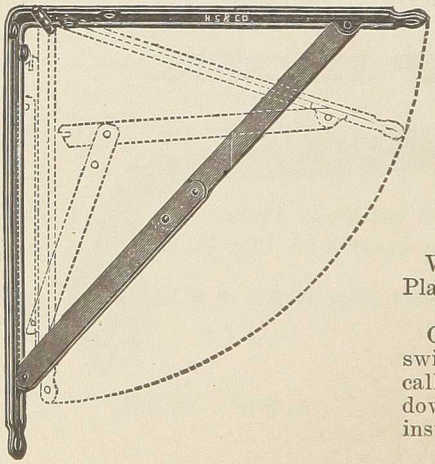
* Extra Heavy.

See Price List.

SHELF BRACKETS.



No. 792. Wrought Steel, Japanned. 3 x 4, 4 x 5, 5 x 6, 6 x 8, 7 x 9, 8 x 10, 10 x 12, 12 x 14, and 16 x 18 in.

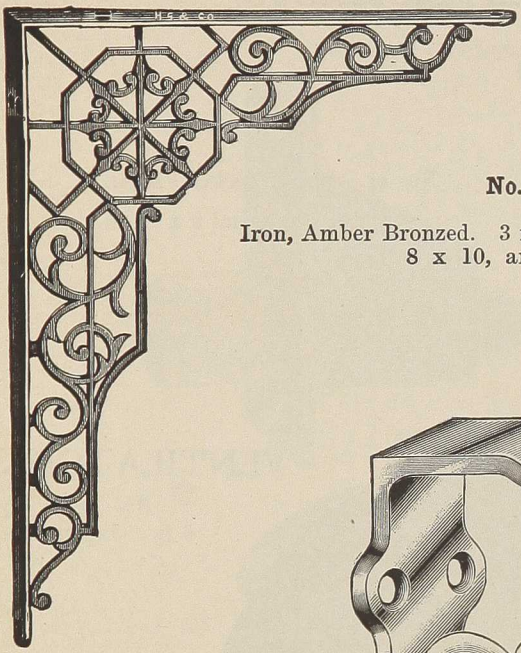


Folding No. 690.

Wrought Steel, Japanned or Nickel Plated. 8 x 8, 12 x 12, and 16 x 16 in.

Our Folding Bracket is for folding or swinging shelves. It locks automatically when lifted up, and can be let down entirely out of the way in an instant.

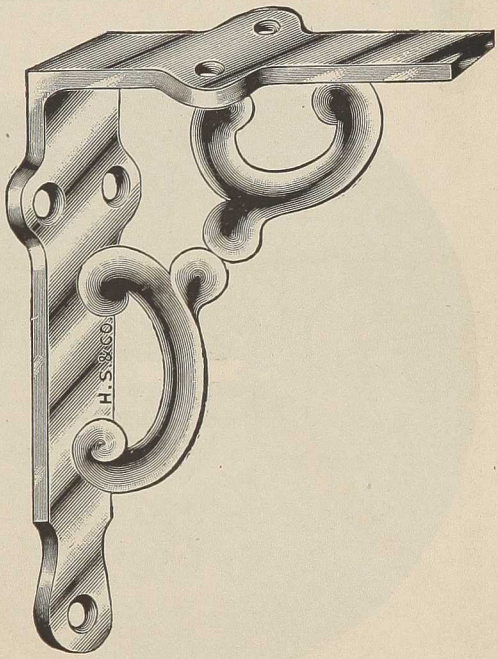
SHELF BRACKETS.



No. 167.

No. 167.

Iron, Amber Bronzed. 3 x 4, 4 x 5, 5 x 7, 6 x 8, 7 x 9, 8 x 10, and 9 x 12 in.



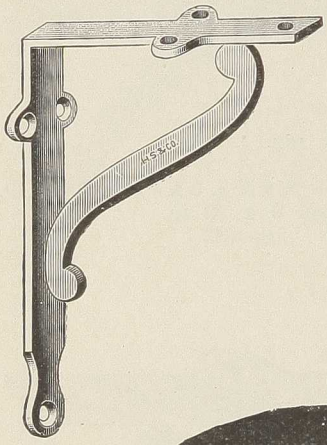
No. 8.

No. 8.

Cast Brass, Polished. 3 x 4, 4 x 5, 6 x 8, 7 x 9, and 9 x 11 in.

See Price List.

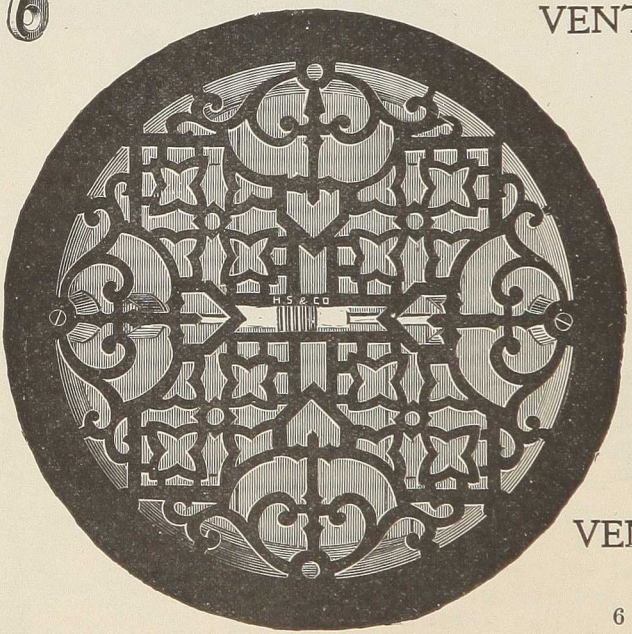
SHELF BRACKETS.



No. 41. Brass, Nickel Plated.
4 x 5, 7 x 9, and 9 x 11 in.

VENTILATORS.

No. 105.
6 in. Japanned.



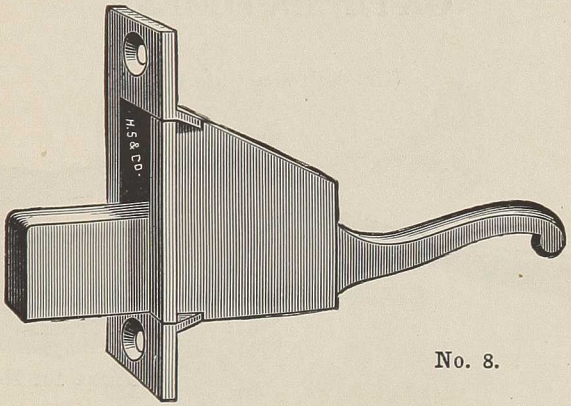
VENTILATOR FACES.

6 in. Japanned.

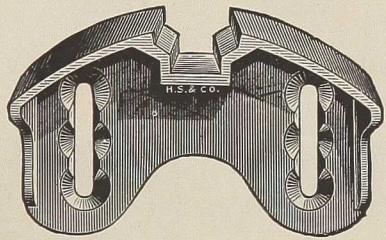
See Price List.

GATE LATCHES.

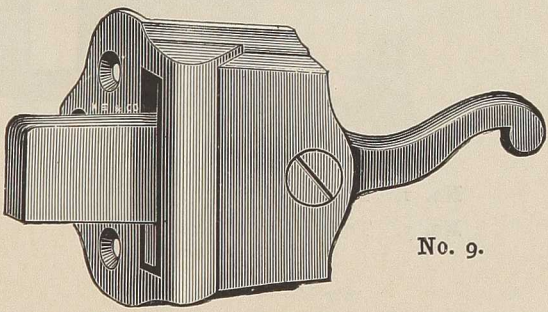
(One-half-size Cuts.)



No. 8.



Catch for Nos. 8 and 9.



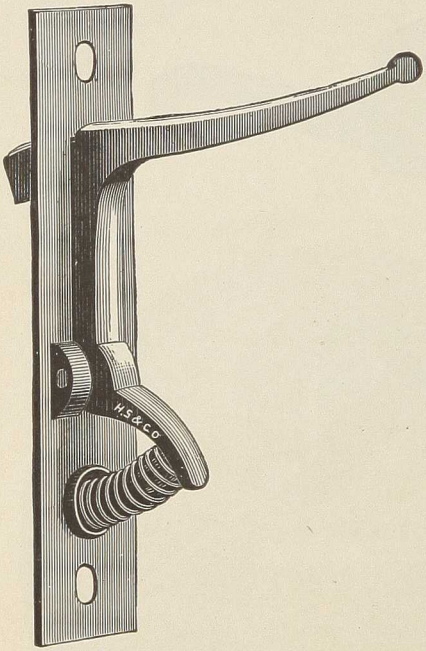
No. 9.

No. 8. Mortise, Japanned. To swing both ways.
No. 9. Rim, Japanned. To swing both ways.

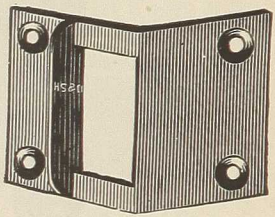
See Price List.

GATE LATCHES.

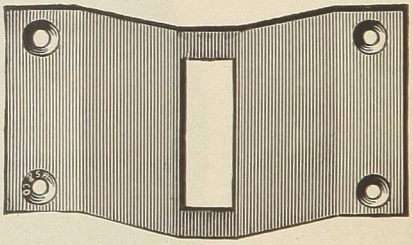
(One-half-size Cuts.)



Latch.



Strike for No. 1.



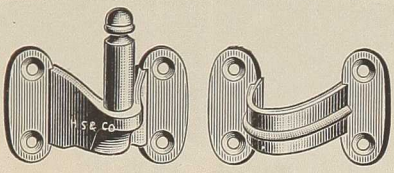
Strike for No. 3.

No. 1. To swing one way.
No. 3. To swing two ways.

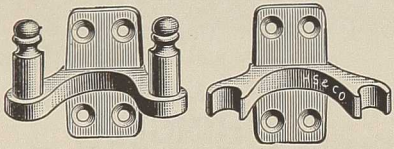
See Price List.

GATE HINGES.

(One-quarter-size Cuts.)

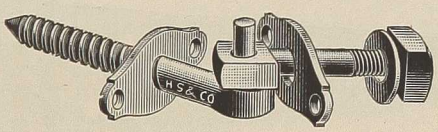


Upper Hinge.

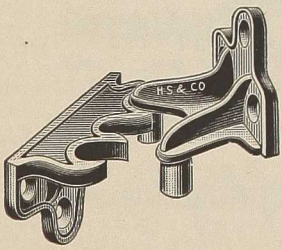


Lower Hinge.

No. 224. Self-shutting. To swing both ways.



Upper Hinge.

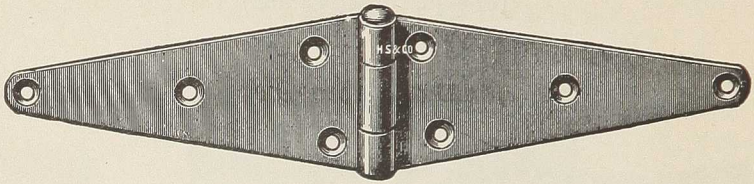


Lower Hinge.

No. 274. Self-shutting. To swing both ways.

See Price List.

STRAP HINGES.

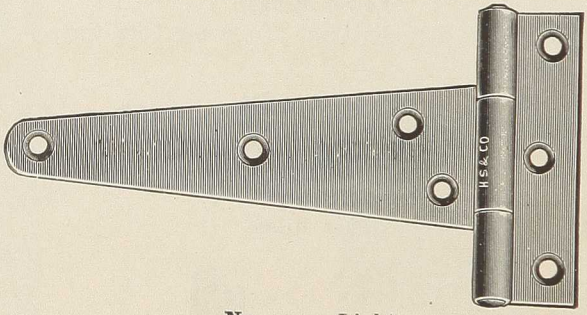


No. 900. Light.
3, 4, 5, 6, 8, 10, and 12 inches.

No. 902. Heavy.
4, 5, 6, 8, 10, 12, and 14 inches.

No. 1302. Heavy. Galvanized. Steel Pin.
6, 8, 10, and 12 inches.

T HINGES.



No. 904. Light.
3, 4, 5, 6, 8, 10, and 12 inches.

No. 906. Heavy.
4, 5, 6, 8, 10, and 12 inches.

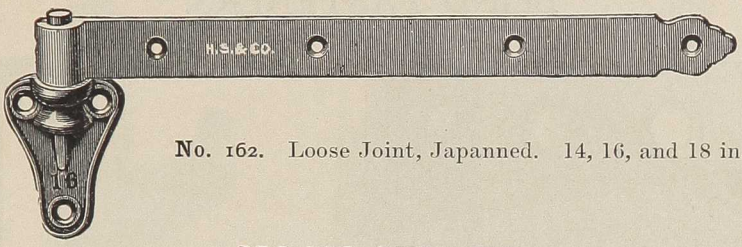
No. 1304. Heavy. Galvanized. Steel Pin.
6, 8, and 10 inches.

No. 908. Extra Heavy.
6, 8, 10, 12, and 14 inches.

No. 1306. Extra Heavy. Galvanized. Steel Pin.
6, 8, 10, 12, and 14 inches.

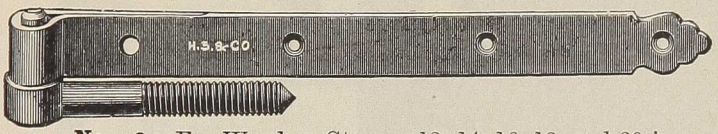
See Price List.

ROLLED PLATE HINGES.



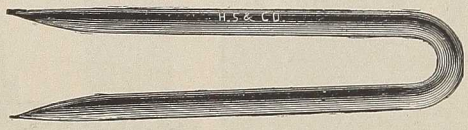
No. 162. Loose Joint, Japanned. 14, 16, and 18 in.

HOOK HINGES.

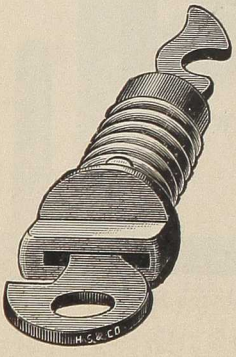


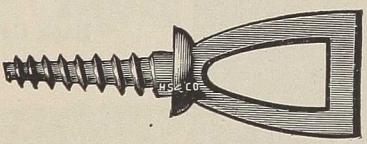
No. 78. For Wood or Stone. 12, 14, 16, 18, and 20 in.

BLIND FASTENERS.

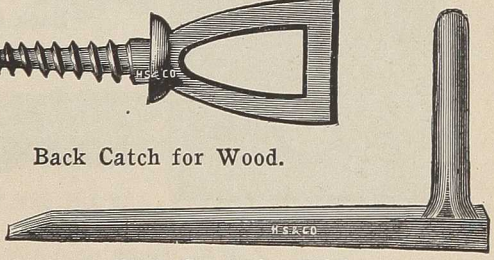


Sill Staple.





Back Catch for Wood.

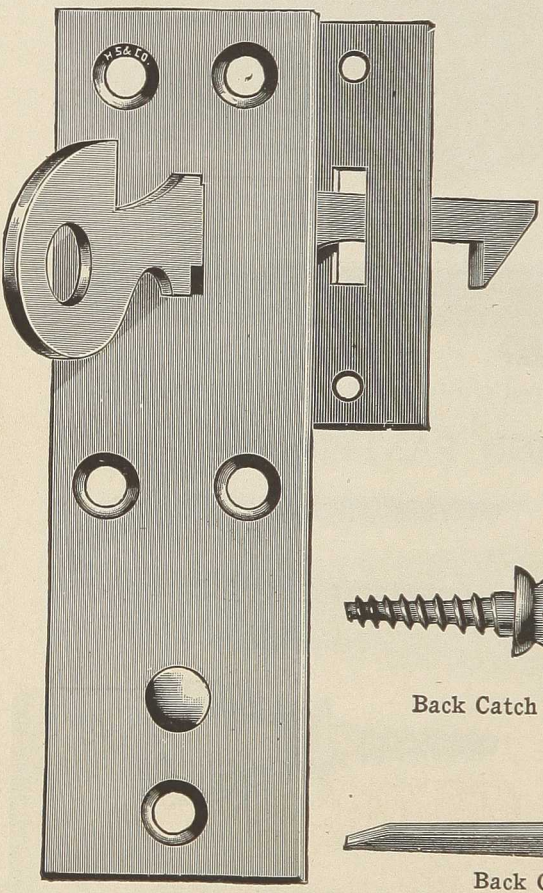


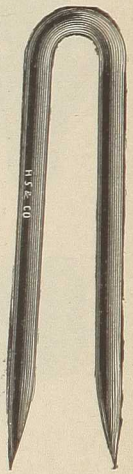
Back Catch for Brick.

No. 1680. Iron, for Wood. **No. 1680½.** Iron, for Brick.

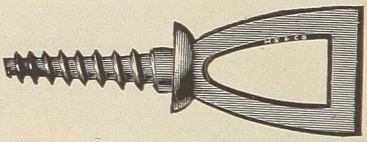
For Blind Fasteners and Hinges in Sets, see page 226.

BLIND FASTENERS.

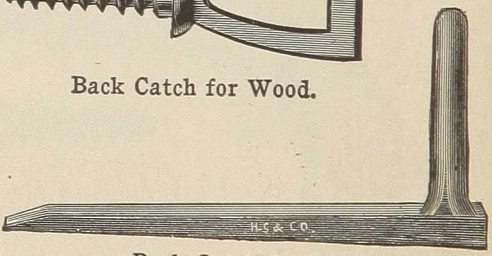




Sill Staple.



Back Catch for Wood.



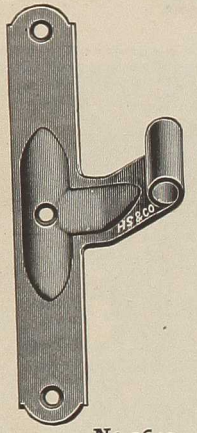
Back Catch for Brick.

For 1¼ and 1½ in. Blinds.

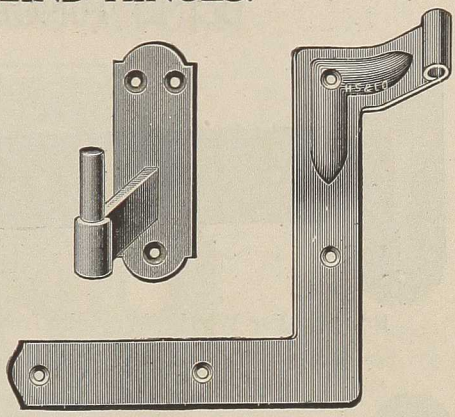
No. 1684.	For Wood.	Wrought Steel.
No. 1684.	For Wood.	Wrought Steel, Galvanized.
No. 1684½.	For Brick.	Wrought Steel.

See Price List.

BLIND HINGES.

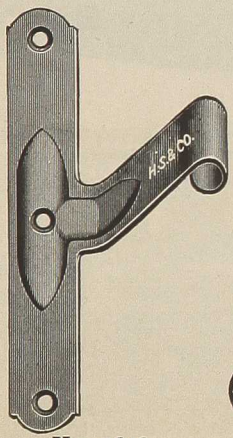


No. 1642.

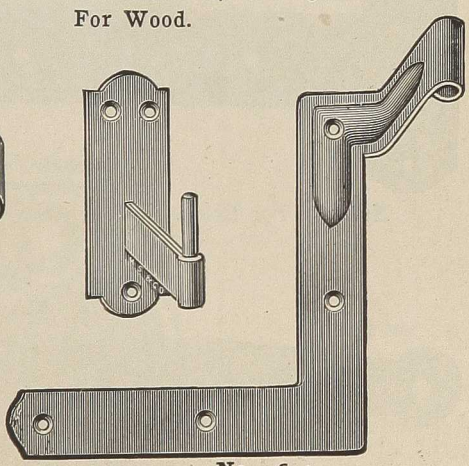


Nos. 1640 and 1360.

For Wood.



No. 1646.



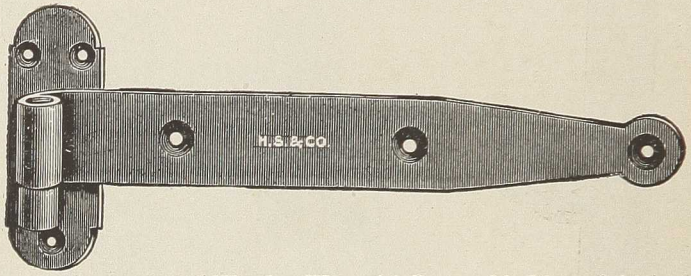
No. 1644.

For Brick.

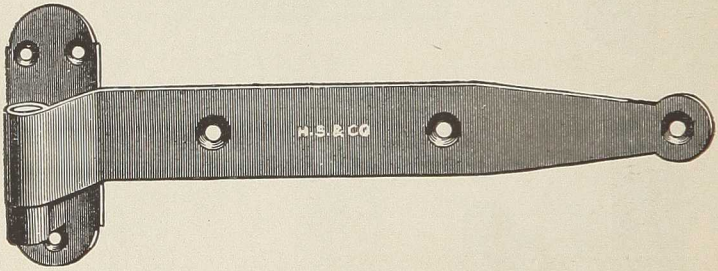
No. 1360.	For Wood.	Wrought Steel, Galvanized.	8 in.
No. 1640.	For Wood.	Wrought Steel.	8 in.
No. 1642.	For Wood.	Wrought Steel.	8 in.
No. 1644.	For Brick.	Wrought Steel.	8 in.
No. 1646.	For Brick.	Wrought Steel.	8 in.

For Blind Hinges and Fasteners in Sets, see page 226.

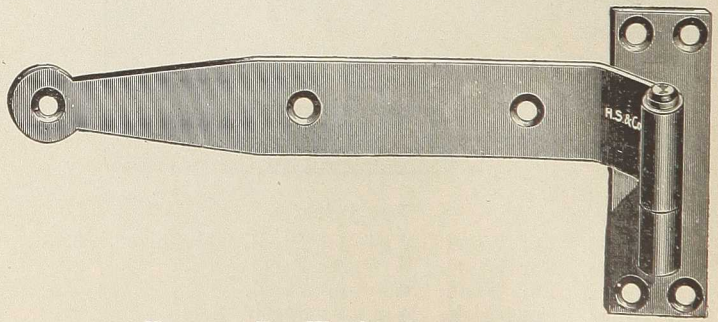
BLIND HINGES.



No. 52. For Wood. Wrought Iron. 10, 12, and 14 in.



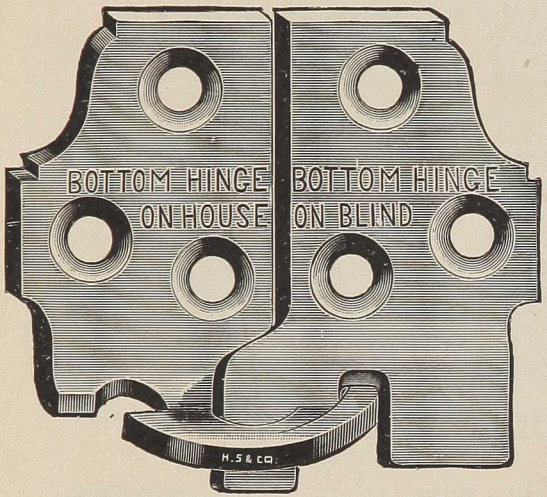
No. 54. For Brick. Wrought Iron. 10, 12, and 14 in.



No. 940. For Wood. 10, 12, and 14 in.

See Price List.

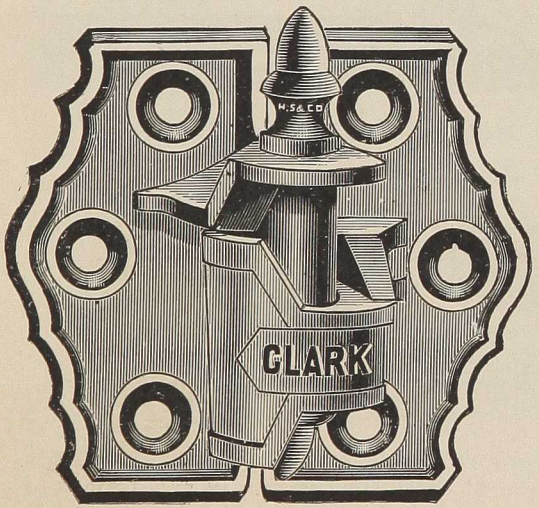
BLIND HINGES.



For Wood.

No. 1647.

Wrought Steel.
Throws blind 1¼ in. from casing.



For Wood.

Clark's No. 1.

Throws blind 1¼ in. from casing.

BLIND HINGES AND FASTENERS IN SETS.

2 pair Hinges and 1 pair Fasteners constitute a set.

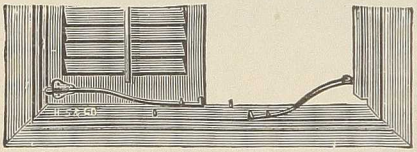
For Wood.

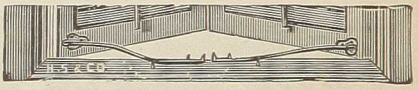
No. 1640 x 1680. Hinge No. 1640, 8 in. Wrought Steel illustrated on page 223. Fastener No. 1680, Iron; illustrated on page 221.

For Brick.

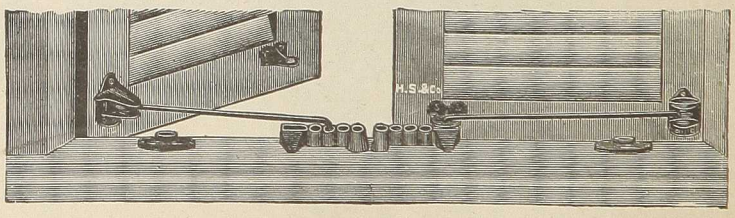
No. 1644 x 1680½. Hinge No. 1644, 8 in. Wrought Steel; illustrated on page 223. Fastener No. 1680½, Iron; illustrated on page 221.

BLIND ADJUSTERS.





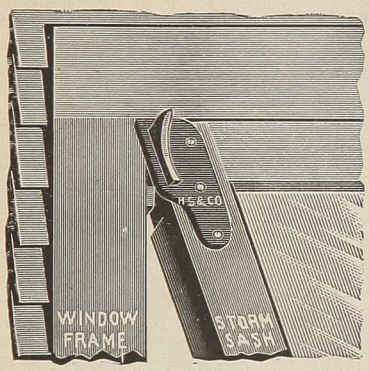
"Domestic." Malleable Iron, Japanned. 13 in.



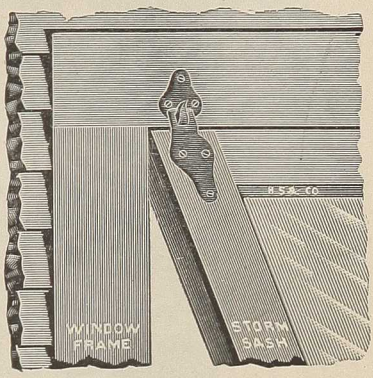
Zimmerman's. Wrought Steel, Japanned. 12 in.
Zimmerman's. Wrought Steel, Galvanized. 12 and 14 in.

See Price List.

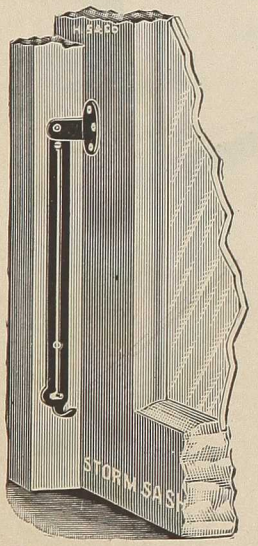
STORM SCREEN SASH FIXTURES.



No. 1714. Invisible Hanger.



No. 1716. Visible Hanger.



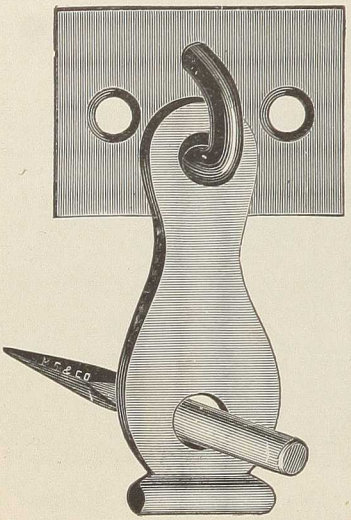
No. 1718. Fastener.

No. 1714. Wrought Steel, Japanned. Are to be fastened on the inside of each upper corner of the window casing and upon the outside of each upper corner of the sash.

No. 1716. Wrought Steel, Japanned. Are to be fastened on the outside of the top window casing and upon the outside of the top rail of the sash.

No. 1718. Wrought Steel, Japanned. 10 in. long. The illustration shows how the fastener is to be applied to the sash and to the window frame.

See Price List.

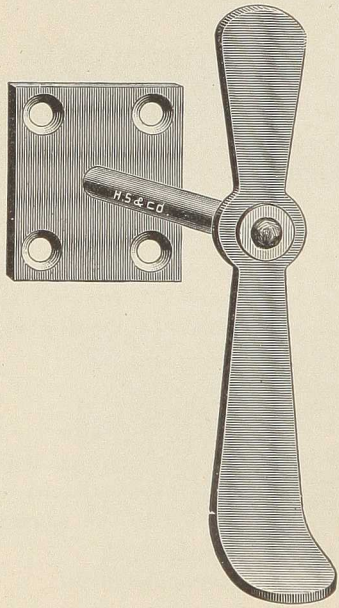


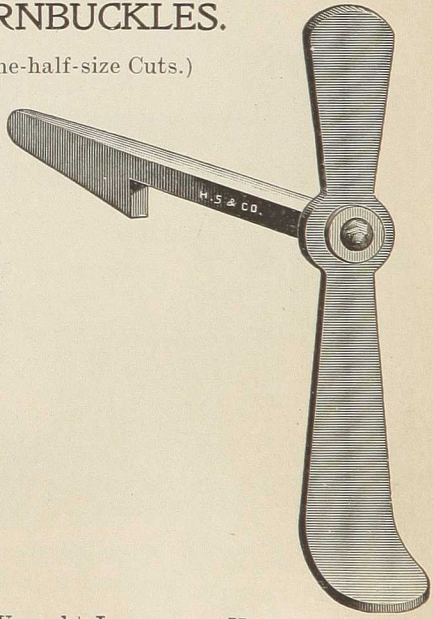
DROPS AND PINS.

No. 10. Japanned, on Plate.

TURNBUCKLES.

(One-half-size Cuts.)





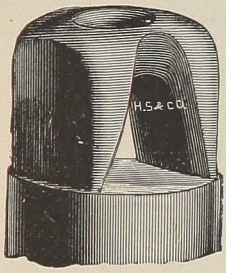
No. 1. For Wood. Wrought Iron. **No. 2.** For Brick.

See Price List.

SASH WEIGHTS.

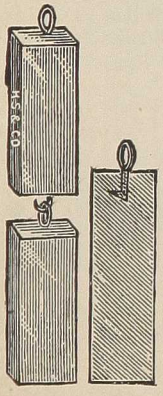
Standard Sizes.

IRON.



POUNDS	Diameter	Length	POUNDS	Diameter	Length
2	1 1/8	8 1/4	12	1 3/4	20
2 1/2	1 1/8	10	12 1/2	1 3/4	21
3	1 3/16	11	13	1 3/4	22
3 1/2	1 5/16	11	14	1 3/4	23 1/2
4	1 5/16	12	15	1 3/4	25
4 1/2	1 5/16	13	16	1 7/8	23 1/4
5	1 7/16	13	17	1 7/8	24 1/2
5 1/2	1 7/16	14	18	1 7/8	25 1/2
6	1 7/16	14 1/2	19	2	24 1/2
6 1/2	1 7/16	15 1/4	20	2	25 1/2
7	1 7/16	16 1/4	21	2	27 1/2
7 1/2	1 1/2	17	22	2	28
8	1 1/2	17 3/4	23	2	30
8 1/2	1 9/16	17 3/4	24	2	31
9	1 9/16	18	25	2	32
9 1/2	1 9/16	19 1/2	26	2	33
10	1 5/8	19	27	2	35
10 1/2	1 5/8	19 3/4	28	2	37
11	1 5/8	20 3/8	29	2	38
11 1/2	1 3/4	19	30	2	39 1/2

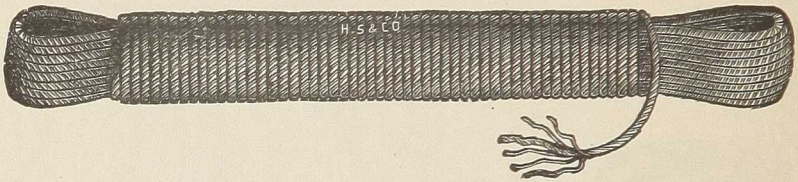
LEAD.



SIZE	Weight per lineal foot Round weights		Weight per lineal foot Square weights	
1 in.	3 lbs.	14 oz.	5 lbs.	0 oz.
1 1/4 in.	6 lbs.	1 oz.	7 lbs.	12 oz.
1 1/2 in.	8 lbs.	12 oz.	11 lbs.	1 oz.
1 3/4 in.	11 lbs.	14 oz.	15 lbs.	2 oz.
2 in.	15 lbs.	9 oz.	19 lbs.	11 oz.
2 1/4 in.	19 lbs.	10 oz.	24 lbs.	15 oz.
2 1/2 in.	24 lbs.	4 oz.	30 lbs.	14 oz.
2 3/4 in.	29 lbs.	5 oz.	37 lbs.	5 oz.
3 in.	34 lbs.	13 oz.	44 lbs.	7 oz.
3 1/4 in.	40 lbs.	13 oz.	52 lbs.	2 oz.
3 1/2 in.	47 lbs.	6 oz.	60 lbs.	9 oz.
3 3/4 in.	54 lbs.	6 oz.	69 lbs.	6 oz.
4 in.	61 lbs.	15 oz.	78 lbs.	12 oz.

See Price List.

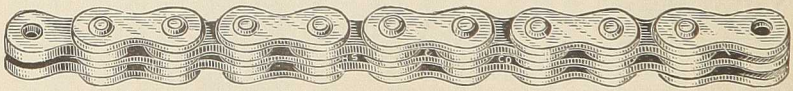
SASH CORD.



Silver Lake. White Braided, Grade B, No. 7. 7/32 in.
Silver Lake. White Braided, Grade B, No. 8. 1/4 in.
Silver Lake. White Braided, Grade B, No. 10. 5/16 in.
Eureka. White Braided, No. 7. 7/32 in.
Eureka. White Braided, No. 8. 1/4 in.
India. Twist. No. 8. 1/4 in.

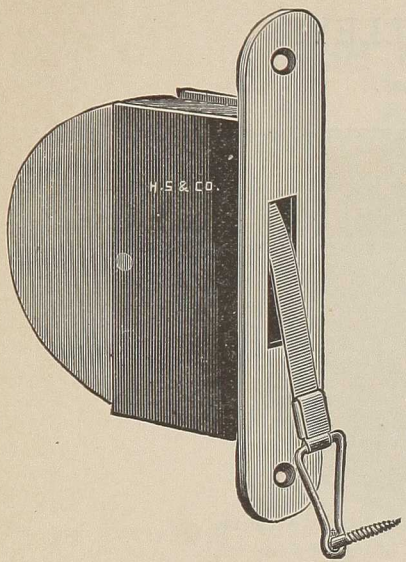
SASH CHAIN.

No. 1. Copper. For sash weighing not over 100 lbs.
No. 1. Steel. For sash weighing not over 100 lbs.
No. 2. Copper. For sash weighing not over 60 lbs.
No. 2. Steel. For sash weighing not over 60 lbs.
Fastenings for hanging windows.



No. 10. Copper. For sash weighing not over 250 lbs.
No. 10. Steel. For sash weighing not over 250 lbs.
Fastenings for hanging windows.

See Price List.



PULLMAN SASH BALANCES.

Amber Bronzed Front. Nos. 0 to 17 have round ends, Nos. 19 to 23 have square ends. A set contains 4 balances, enough for two sash.

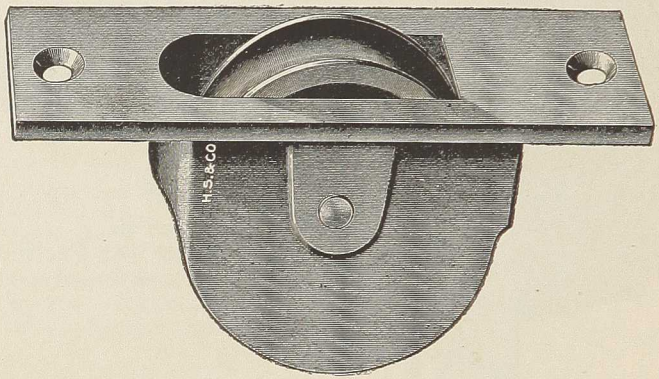
Balances larger than No. 12 are made to order only; therefore they cannot be exchanged.

No.	Weight of Sash.	Length of Tape.	Dimensions of Face Plate.		Dimensions of Mortise.			Per Set of 4.
			Length.	Width.	Length	Width.	Depth.	
0	4 to 5 lbs.	30 in.	3½ in.	1 in.	2½ in.	⅞ in.	2½ in.	$2.40
1	6 to 7 lbs.	30 in.	3½ in.	1 in.	2½ in.	⅞ in.	2½ in.	2.40
2	8 to 9 lbs.	30 in.	3½ in.	1 in.	2½ in.	⅞ in.	2½ in.	2.60
3	10 to 11 lbs.	46 in.	4¼ in.	1⅛ in.	3 in.	1 1/16 in.	3 in.	2.80
4	12 to 13 lbs.	46 in.	4¼ in.	1⅛ in.	3 in.	1 1/16 in.	3 in.	3.10
5	14 to 15 lbs.	46 in.	4¼ in.	1⅛ in.	3 in.	1 1/16 in.	3 in.	3.40
6	16 to 17 lbs.	46 in.	5 in.	1¼ in.	3½ in.	1 3/16 in.	3⅝ in.	3.70
7	18 to 19 lbs.	46 in.	5 in.	1¼ in.	3½ in.	1 3/16 in.	3⅝ in.	4.00
8	20 to 21 lbs.	46 in.	5 in.	1¼ in.	3½ in.	1 3/16 in.	3⅝ in.	4.70
9	22 to 23 lbs.	46 in.	5 in.	1¼ in.	3½ in.	1 3/16 in.	3⅝ in.	5.00
10	24 to 26 lbs.	54 in.	5¾ in.	1⅜ in.	4¼ in.	1 5/16 in.	4 in.	5.30
11	27 to 29 lbs.	54 in.	5¾ in.	1⅜ in.	4¼ in.	1 5/16 in.	4 in.	5.50
12	30 to 32 lbs.	54 in.	5¾ in.	1⅜ in.	4¼ in.	1 5/16 in.	4 in.	6.00
13	33 to 35 lbs.	54 in.	6½ in.	1½ in.	4¾ in.	1 7/16 in.	4½ in.	6.50
14	36 to 38 lbs.	54 in.	6½ in.	1½ in.	4¾ in.	1 7/16 in.	4½ in.	7.00
15	39 to 41 lbs.	54 in.	6½ in.	1½ in.	4¾ in.	1 7/16 in.	4½ in.	7.50
16	42 to 44 lbs.	54 in.	6½ in.	1½ in.	4¾ in.	1 7/16 in.	4½ in.	8.50
17	45 to 48 lbs.	54 in.	6½ in.	1½ in.	4¾ in.	1 7/16 in.	4½ in.	9.50
19	49 to 52 lbs.	60 in.	8⅜ in.	2 in.	6 in.	2 in.	5½ in.	11.00
21	53 to 56 lbs.	60 in.	8⅜ in.	2 in.	6 in.	2 in.	5½ in.	12.00
23	57 to 60 lbs.	60 in.	8⅜ in.	2 in.	6 in.	2 in.	5½ in.	13.00

For Discounts see Price List.

SASH PULLEYS.

Noiseless.



Cut shows Square End, Round Groove.

SQUARE END, ROUND GROOVE.

Turned and Polished Wheel.

No. 77. Amber Bronzed Front. 2, 2¼, and 2½ in. Wheel.
No. P177. Bronze-plated Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.
No. P1177¼. Wrought Bronze Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.

ROUND END, ROUND GROOVE.

Turned and Polished Wheel.

No. 77½. Amber Bronzed Front. 2, 2¼, and 2½ in. Wheel.
No. P177. Bronze-plated Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.
No. P1177¾. Wrought Bronze Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.

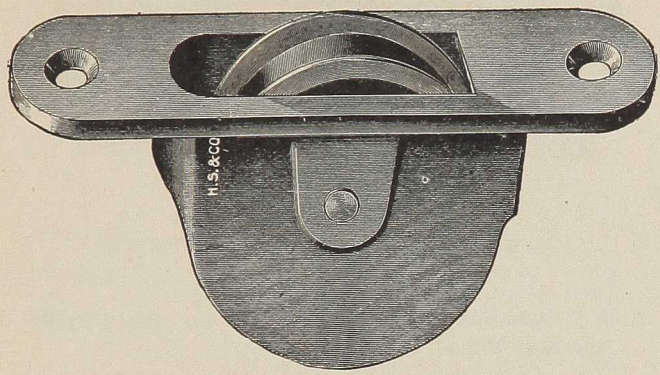
Size of Front of above Pulleys.

Wheel,	2	2¼	2½ in.
Nos. 77, P177, and P1177¼.....	$4\frac{9}{16}$ x $1\frac{1}{16}$	$5\frac{5}{16}$ x $1\frac{3}{16}$	5⅞ x $1\frac{3}{16}$
Nos. 77½, P177½, and P1177¾....	4⅝ x 1	5⅝ x 1⅛	5⅞ x 1¼

See Price List.

SASH PULLEYS.

Noiseless.



Cut shows Round End, Square Groove.

For ⅜ inch Chain.

SQUARE END, SQUARE GROOVE.

Turned and Polished Wheel.

No. 80. Amber Bronzed Front. 2, 2¼, and 2½ in Wheel.
No. P180. Bronze-plated Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.
No. P1180¼. Wrought Bronze Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.

ROUND END, SQUARE GROOVE.

Turned and Polished Wheel.

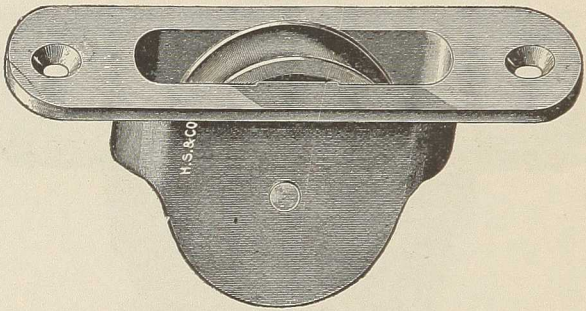
No. 80½. Amber Bronzed Front. 2, 2¼, and 2½ in. Wheel.
No. P180½. Bronze-plated Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.
No. P1180¾. Wrought Bronze Front. 2, 2¼, and 2½ in. Bronze-plated Wheel.

Size of Front of Above Pulleys.

Wheel,	2	2¼	2½ in.
Nos. 80, P180, and P1180¼	$4\frac{9}{16}$ x $1\frac{1}{16}$	$5\frac{5}{16}$ x $1\frac{3}{16}$	5⅞ x $1\frac{3}{16}$
No. 80½, P180½, and P1180¾	4⅝ x 1	5⅝ x 1⅛	5⅞ x 1¼

See Price List.

SASH PULLEYS.

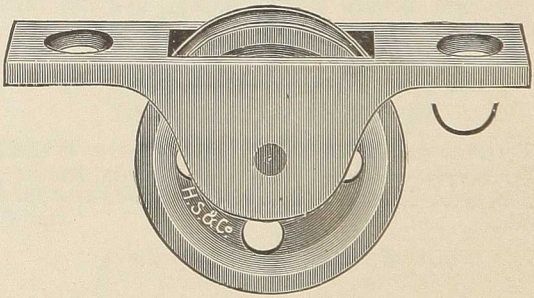


No. 127. Round End, Round Groove. $4\frac{1}{16}$ x 1 in. Plain Front; 1¾ in. Polished Wheel.

No. 412. Round End, Round Groove. $4\frac{7}{16}$ x 1 in. Plain Front; 2 in. Polished Wheel.

SLIDING DOOR SHEAVES.

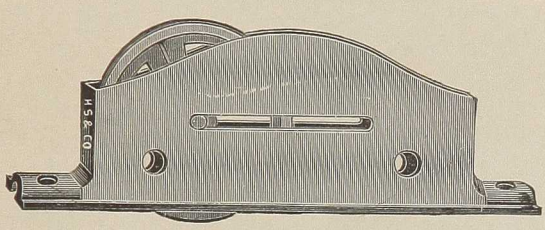
(Full-size Cut.)



No. 585¼. Iron Case. 1¼ in. Turned Brass Polished Wheel. Fits ⅞, 1, and 1⅛ in. Rail.

See Price List.

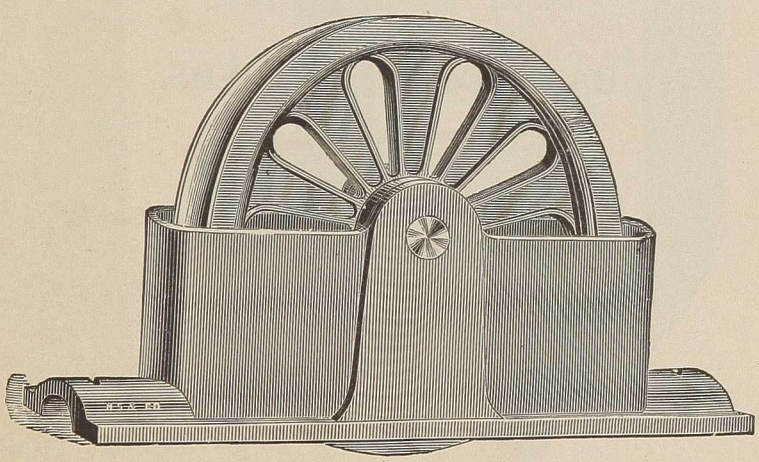
SLIDING DOOR SHEAVES.



Hatfield's Pattern.

Japanned Case, Turned Wheel, and Axle.

Diameter of Wheel	2½	3	4	5 in.
Length of Run	33	42	46	51 in.



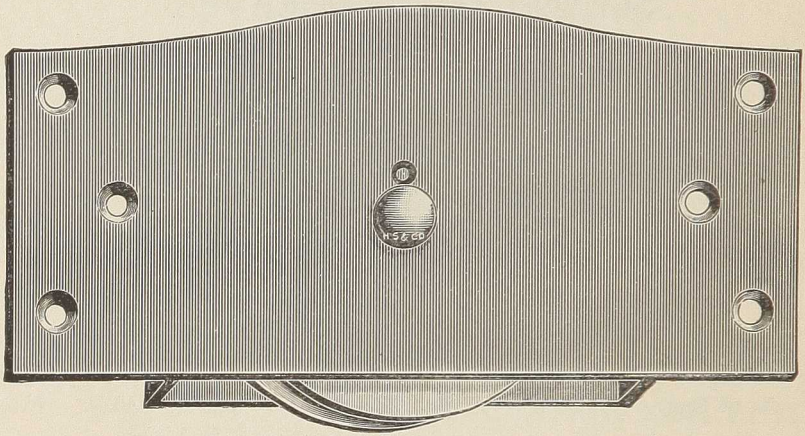
Japanned Case. No. 1, Unturned Wheel; Nos. 2 to 5, Turned Wheel.

No.	1	2	3	4	5
Diameter of Wheel	1¾	2¼	3	4	5 in.

No. 9. Anti-Friction, Japanned Case. 3, 4, and 5 in. Turned Wheels.

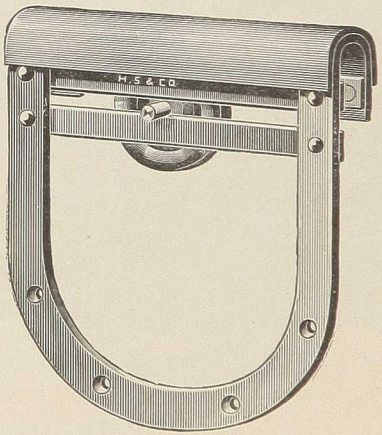
See Price List.

SLIDING DOOR SHEAVES.



No. 589. Iron, Japanned. 4 in.

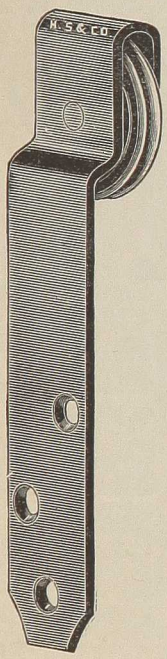
BARN DOOR HANGERS.



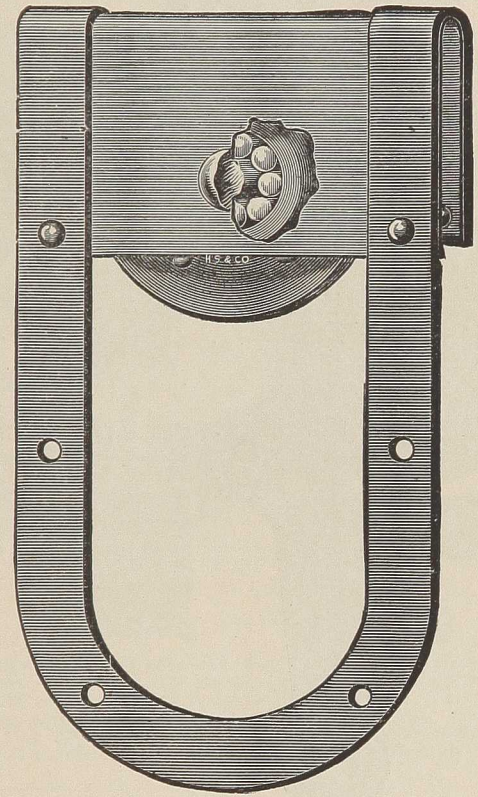
Lane's No. S11. For doors to run 5 feet.
Lane's No. S12. For doors to run 10 feet.

See Price List.

BARN DOOR HANGERS.



No. 134.



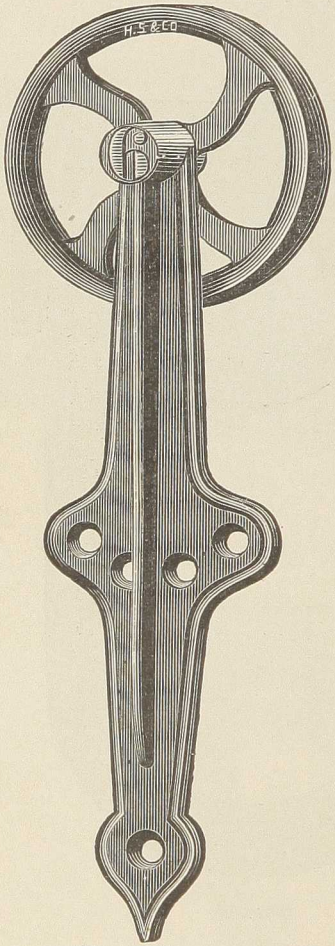
No. 142.

No. 134. Steel. Pendant, 7 in. long x 1½ in. wide. Wheel, 2 in. diameter.

No. 142. Steel. Roller Bearing. Pendant, 10½ in. long. Wheel, 3¼ in. diameter.

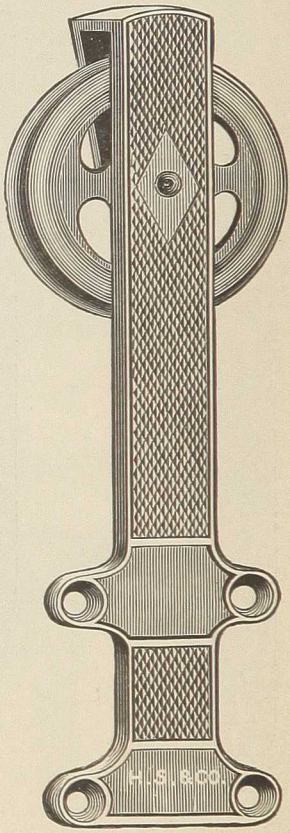
See Price List.

BARN DOOR HANGERS.



Nos. 13 to 15.

New England Pattern.

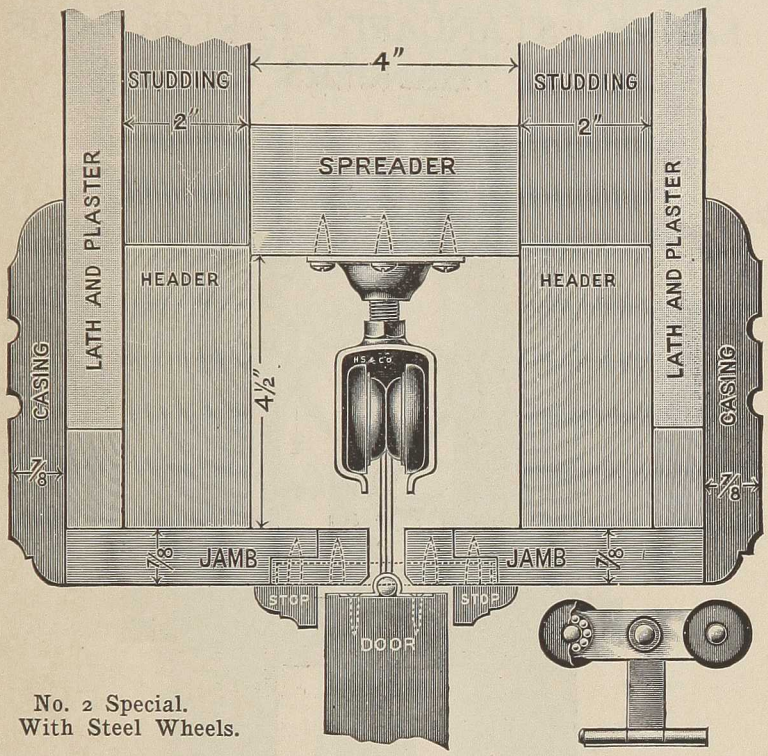


Nos. 12 and 72.

No. 12.	Extra Heavy.	Japanned.	With 4 in. Square Groove Wheel.
No. 13.	Heavy.	Japanned.	With 3 in. Round Groove Wheel.
No. 14.	Heavy.	Japanned.	With 4 in. Round Groove Wheel.
No. 15.	Heavy.	Japanned.	With 5 in. Round Groove Wheel.
No. 72.	Heavy.	Japanned.	With 4 in. Square Groove Wheel.

See Price List.

McCABE'S PARLOR DOOR HANGERS.



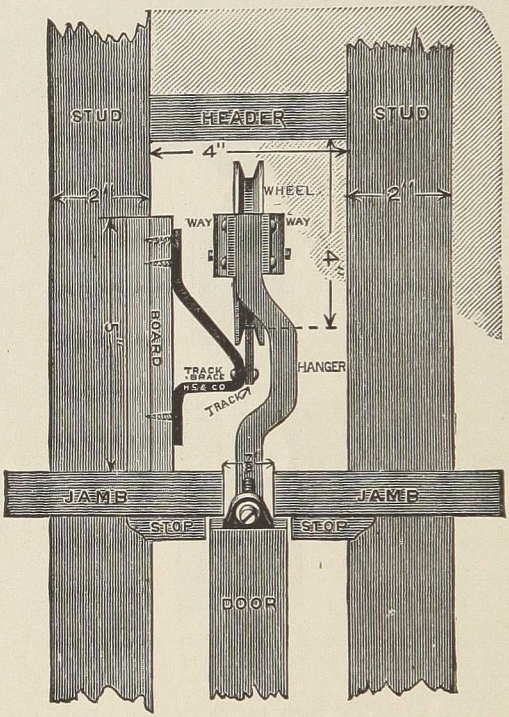
No. 2 Special.
With Steel Wheels.

This hanger is absolutely noiseless, easily attached, simple in construction and has ball bearings. All parts are case-hardened. The Bearings are constructed with the same care as those in bicycles, thereby reducing friction to a minimum. The track is made of cold drawn steel, with a parallel slot having flanges on both sides. The inside surfaces of the track in which the ball-bearing carriages travel are as smooth as it is possible to make them. There is an adjustment on the track so that the doors may be readjusted at any time.

SINGLE DOORS				DOUBLE DOORS			
Opening	List	Opening	List	Opening	List	Opening	List
2 ft. 6 in.	$3.00	5 ft. 6 in.	$4.50	4 ft. 0 in.	$6.00	6 ft. 6 in.	$6.00
3 ft. 0 in.	3.00	6 ft. 0 in.	4.50	4 ft. 6 in.	6.00	7 ft. 0 in.	7.00
3 ft. 6 in.	3.50	6 ft. 6 in.	5.00	5 ft. 0 in.	6.00	7 ft. 6 in.	7.00
4 ft. 0 in.	4.00	7 ft. 0 in.	5.00	5 ft. 6 in.	6.00	8 ft. 0 in.	7.00
4 ft. 6 in.	4.00	7 ft. 6 in.	5.50	6 ft. 0 in.	6.00		
5 ft. 0 in.	4.00	8 ft. 0 in.	5.50				

For Discounts see Price List.

LANE'S "STANDARD" PARLOR DOOR HANGERS.



The Lane Standard Parlor Door Hanger is made entirely of steel, except the silent tread of wheel. It is thoroughly well made and guaranteed.

For Double Doors.

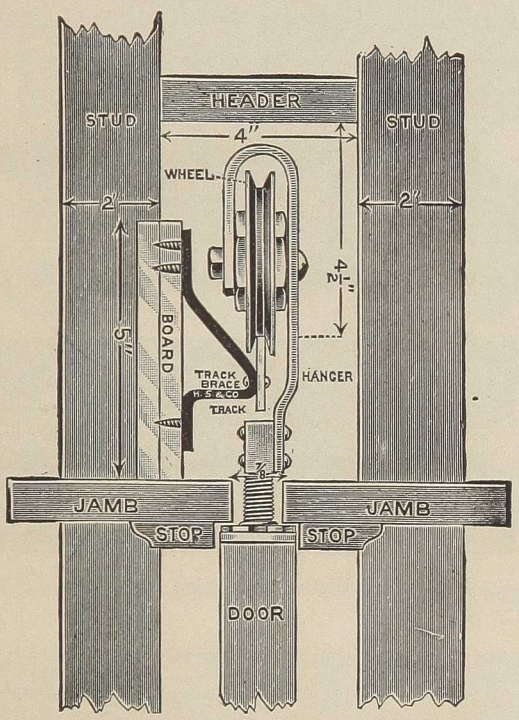
Each door to slide four feet or less. Set contains four hangers, 14 feet of track, gravity stops, striking plates, floor guides, and all screws.

For Single Doors.

For door to slide four feet or less. Set contains two hangers, 8 feet of track, and all necessary fixtures.

See Price List.

LANE'S "NEW CHAMPION" PARLOR DOOR HANGERS.



Made of steel, excepting the wheel, which is of iron. Has anti-friction roller bearings and is adapted to any length of run.

The adjusting nut extends through the base plate and has a serrated projecting flange, both above and below, by which it may be turned.

For Double Doors.

Set contains four hangers, 14 feet of 1 in. track, gravity stops, striking plates, floor guides, and all screws.

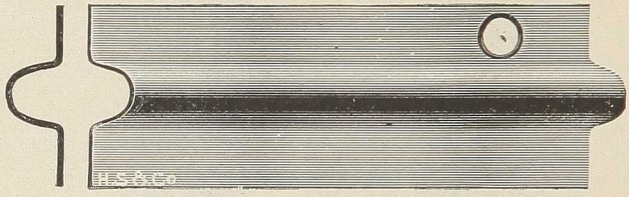
For Single Doors.

Set contains two hangers, 8 feet of 1 in. track, and all necessary fixtures.

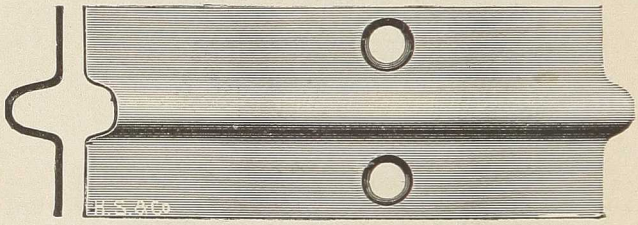
See Price List.

SLIDING DOOR RAIL.

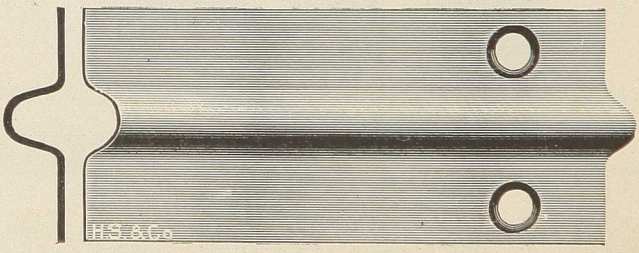
(Full-size Cuts.)



⅞ in. wide. Wrought Brass, Polished.



1 in. wide. Wrought Brass, Polished.



1⅛ in. wide. Wrought Brass, Polished.
1⅛ in. wide. Wrought Steel, Brass Plated.

Above rail can be furnished in 5 and 6 feet lengths.

See Price List.

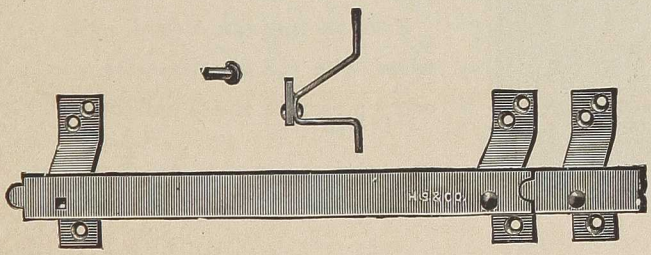
SLIDING DOOR RAIL.

No. 135. Cast Iron, Painted. 1¼ in. wide. In 2 ft. lengths.

BARN DOOR RAIL.

No. 34. Cast Iron. ½ in. wide. In 2 ft. lengths.
No. 35. Cast Iron. ⅝ in. wide. In 2 ft. lengths.

No. 4. Cast Iron. In 2 ft. lengths. For Square Groove Wheels.

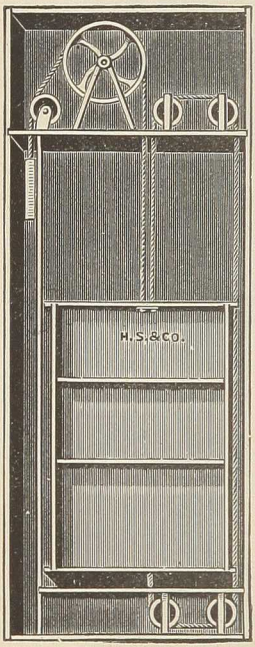


"O.N.T." 1¼ x 3/16 in. In 4, 5, 6, and 8 ft. lengths.

See Price List.

DUMBWAITER FIXTURES.

SPRINGFIELD.



The Springfield Dumbwaiter Fixture is adapted to all kinds of dumbwaiters where loads under 300 lbs. are to be carried.

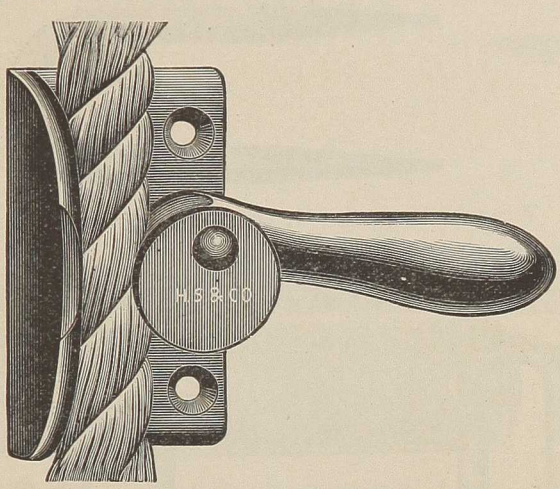
The illustration shows the fixtures in position. There are no forked rimmed wheels, rollers, ratchets, or cogs which are ordinarily used on hand elevators, thus doing away with countless wearing parts.

The weight of the fixture is 25 lbs., diameter of large wheel, 12½ in., and of small wheels 3 and 4 in..

Each set contains 5 small pulleys and 1 large wheel, with full directions for erecting, enabling every person to easily put them up.

See Price List.

DUMBWAITER ROPE CLAMPS.



No. 2. Japanned. For ½ or ⅝ in. Rope.

DUMBWAITER WEIGHTS.

See Sash Weights on page 229.

MANILA ROPE.

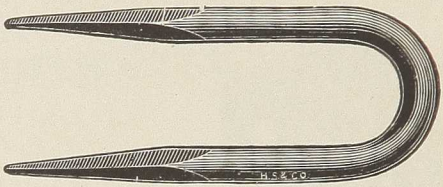
Diameter	¼	5/16	⅜	½	⅝	¾	1 in.
Circumference	¾	1	1⅛	1½	2	2¼	3 in.
Approximate No. of ft. to lb.	48	27	21½	14½	7⅓	6	3½ ft.
Approximate weight of coil	50	60	70	90	140	170	285 lbs.
Strength	758	1064	1473	3100	3775	6206	10663 lbs.

COTTON ROPE.

Diameter	3/16	5/16	⅝ in.
Approximate No. of ft. to lb.	100	40	9½ ft.
Approximate weight of coil	30	30	40 lbs.

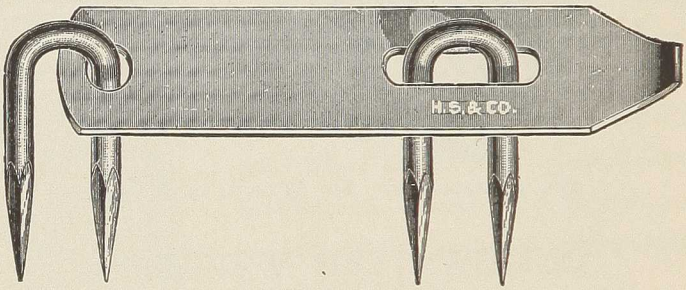
See Price List.

STAPLES.



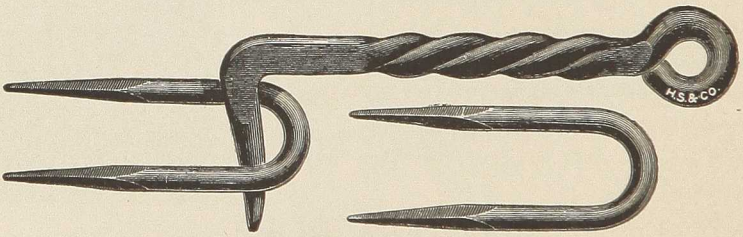
Wrought Iron. 1, 1¼, 1½, 2, 2½, 3, 3½, 4, 5, and 6 in.

HASPS AND STAPLES.



Wrought Iron. 5, 6, and 8 in.

HOOKS AND STAPLES.



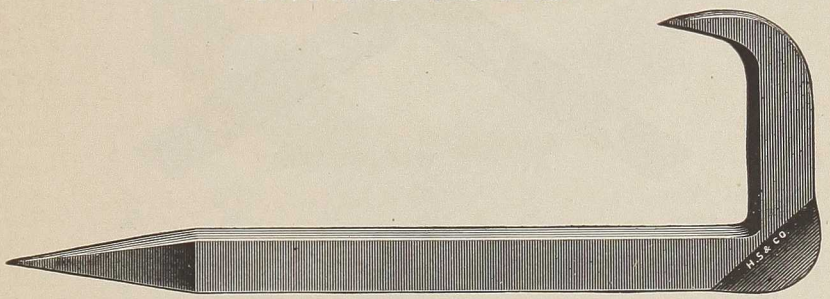
Wrought Iron. 4, 5, and 6 in.

On Plates.

Wrought Iron, Galvanized. 4 and 6 in.
Wrought Iron. 4 and 6 in.

See Price List.

AWNING HOOKS.



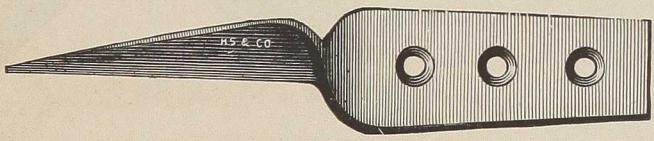
Wrought Iron. 1¼, 1½, 2, 2½, 3, 3½, 4, 5, and 6 in.

CLOTHES LINE HOOKS.

Similar to Awning Hooks illustrated above.

No. 85. For Wood. Wrought Iron, Galvanized.
No. 87. For Brick. Wrought Iron, Galvanized.

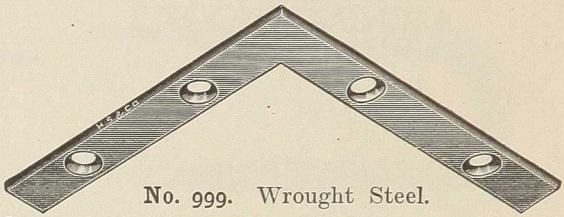
HOLD FASTS.



No. 1. Slim. Wrought Iron. 4 in. 1 Screw-hole.
No. 2. Slim. Wrought Iron. 5 in. 1 Screw-hole.
No. 3. Regular. Wrought Iron. 4 in. 1 Screw-hole.
No. 4. Regular. Wrought Iron. 5 in. 2 Screw-holes.
No. 5. Regular. Wrought Iron. 6 in. 3 Screw-holes.
No. 6. Extra Heavy. Wrought Iron. 6 in. 2 Screw-holes.
No. 7. Extra Heavy. Wrought Iron. 8 in. 3 Screw-holes.

See Price List.

ANGLE PLATES.



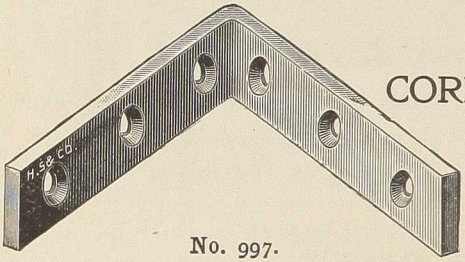
No. 999. Wrought Steel.

Length of sides.....	2	2½	3	3½	4	5 in.
Width of sides.....	⅜	½	½	⅝	⅝	⅞ in.

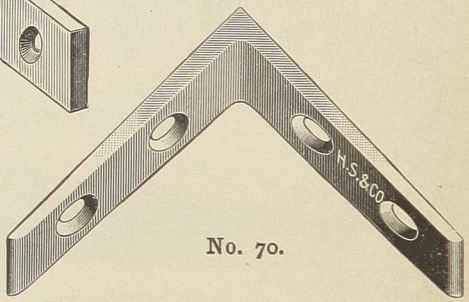
No. 80. Malleable Iron.

Length of sides.....	2	2½	2¾	3½	4	4½	6 in.
Width of sides.....	½	½	½	¾	¾	¾	⅞ in.

CORNER BRACES.



No. 997.



No. 70.

No. 997. Wrought Steel.

Length of sides.....	1	1½	2	2½	3	4	* 5	6 in.
Width of sides.....	½	½	⅝	⅝	¾	⅞	1	1⅛ in.

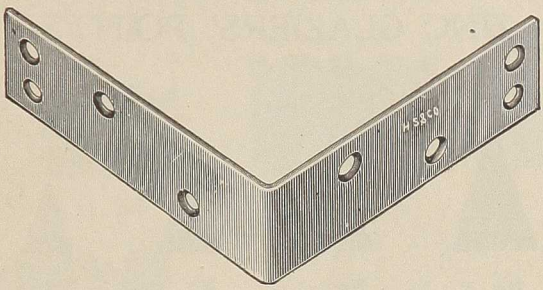
* We have this size in both plain and galvanized.

No. 70 Malleable Iron.

Length of sides.....	2	2½	3	3½	4¼	5	6 in.
Width of sides.....	⅝	⅝	11/16	11/16	⅞	1	1⅛ in.

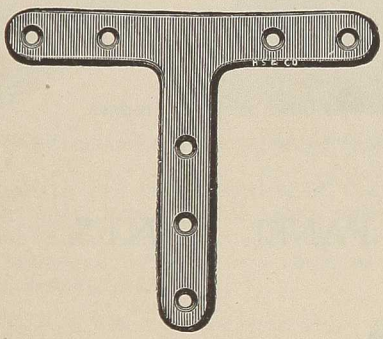
See Price List.

CORNER IRONS.



No. 996. No. 14 gauge Wrought Steel. Width of sides, ¾, ⅞, 1, 1⅛, and 1¼ in.; sides, 4½ in. long.

T PLATES.



No. 90. 4½ x 5 in. Malleable Iron.

STRAIGHT IRONS.

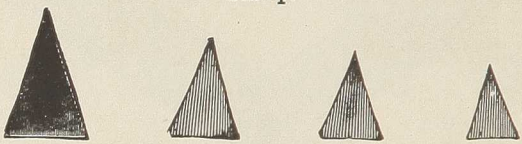
No. 995. Wrought Steel.

Length	2½	3	4	5	6 in.
Width	⅝	¾	⅞	1	1⅛ in.

See Price List.

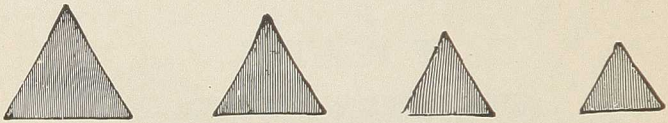
ZINC GLAZIERS' POINTS.

Sharp.



No. 0. No. 1. No. 2. No. 3.

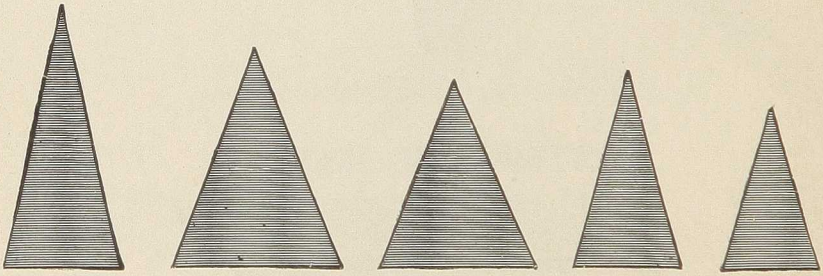
Triangular.



No. 0. No. 1. No. 2. No. 3.

In bulk or ½ lb. papers.

PANEL POINTS.



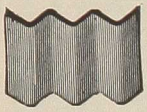
½ x 1¼ in. ¾ x 1 in. ¾ x ⅞ in. ½ x ⅞ in. $\frac{7}{16}$ x ¾ in.

No. 17 English Standard Gauge. In bulk or 10-lb. boxes.

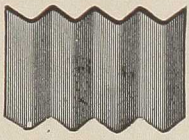
See Price List.

CORRUGATED STEEL FASTENERS.

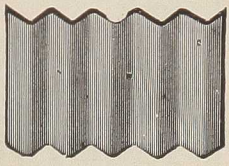
¼ in. No. 2.



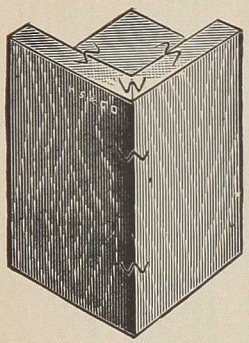
⅜ in. No. 3.

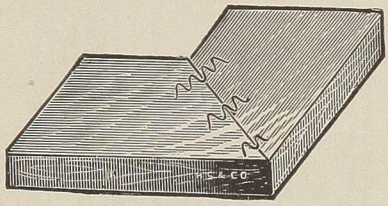


½ in. No. 4.



⅝ in. No. 5.





Illustrations show method of fastening.

It is unnecessary to call the attention of the practical manufacturer and mechanic to the many uses to which this simple device can be put, as we believe its manifold advantages can be seen at a glance, while its low price commends it in numberless instances as a cheap and efficient substitute for glue, dowels, nails, screws, etc.

PRICES PER THOUSAND

Number of Corrugations	Inches in Depth						
	3/16 & ¼	⅜	½	⅝	¾	⅞	1
2	$0.45	$0.55	$0.60	$0.80	$0.90	$1.00	$1.15
3	.60	.75	.80	1.00	1.15	1.35	1.45
4	.75	.95	1.00	1.25	1.45	1.75	1.85
5	.90	1.20	1.25	1.55	1.80	2.15	2.30
6	1.10	1.40	1.50	1.85	2.15	2.55	2.85
7	1.30	1.60	1.80	2.20	2.50	3.00	3.35

Packages contain 500 Fasteners each, excepting ¾ and ⅞ in. Nos. 6 and 7 and 1 in. Nos. 4 to 7, which contain 250 each. In ordering, give depth and number, as ½ in. No. 4, etc.

For Discounts see Price List.

IRON WOOD SCREWS

List of Jan. 1, 1900

Price per Gross

Patented May 30, 1876

¼ Inch

No.	$
0	63
1	63
10 2	63
3	63
4	63
.....	
.....	

1¼ Inch

No.	$
3	80
4	83
5	91
6	98
7	1 05
10 8	1 10
9	1 15
10	1 20
11	1 30
12	1 40
13	1 55
14	1 75
*15	2 00
16	2 30
17	2 55
18	2 80
5 20	3 35
22	4 00
24	4 75
.....	
.....	
.....	

3 Inch

No.	$
6	2 60
7	2 65
8	2 70
9	2 75
10	2 80
11	2 85
12	2 90
13	3 00
1 14	3 15
15	3 40
16	3 85
17	4 40
18	5 10
20	6 15
22	6 85
24	7 70
26	9 40

⅜ Inch

No.	$
0	63
1	63
2	63
3	63
10 4	63
5	63
6	64
7	71
8	80
9	84

1½ Inch

No.	$
3	90
4	95
5	1 00
6	1 05
10 7	1 10
8	1 20
9	1 25
10	1 30
11	1 40
*12	1 55
*13	1 70
14	1 90
5 15	2 20
16	2 45
17	2 75
18	3 15
20	3 50
22	4 20
24	4 95

3½ Inch

No.	$
8	3 50
9	3 60
10	3 70
11	3 80
12	3 95
13	4 05
14	4 15
1 15	4 35
16	4 60
17	4 95
18	5 75
20	6 80
22	7 60
24	8 75
26	10 60
.....	
.....	

½ Inch

No.	$
1	63
2	63
3	63
4	63
5	64
10 6	66
7	76
8	80
9	84
10	87
11	92
12	1 00

1¾ Inch

No.	$
5	1 20
6	1 25
10 7	1 33
8	1 40
9	1 45
*10	1 50
*11	1 60
12	1 70
13	1 85
14	2 05
15	2 35
5 16	2 65
17	3 00
18	3 40
20	4 00
22	4 70
24	5 25

4 Inch

No.	$
8	4 40
9	4 50
10	4 60
11	4 70
12	4 80
13	4 90
14	5 00
1 15	5 20
16	5 35
17	6 05
18	6 75
20	7 85
22	8 75
24	10 05
26	12 10
28	14 10
30	16 25

⅝ Inch

No.	$
1	63
2	63
3	63
4	63
5	67
6	72
10 7	78
8	85
9	88
10	91
11	95
12	1 00
13	1 05
14	1 15

2 Inch

No.	$
5	1 30
6	1 35
7	1 40
8	1 50
9	1 55
10	1 60
5 11	1 70
12	1 80
13	2 05
14	2 35
15	2 65
16	2 95
17	3 30
18	3 85
*20	4 40
1 22	4 80
24	5 50

4½ Inch

No.	$
12	6 10
13	6 20
14	6 35
15	6 65
16	6 90
17	7 25
1 18	7 85
20	8 70
22	10 15
24	11 65
26	13 80
28	15 95
30	18 10
.....	
.....	

¾ Inch

No.	$
2	63
3	64
4	65
5	70
6	77
7	82
8	88
10 9	92
10	97
11	1 05
12	1 10
13	1 15
14	1 25
15	1 40
16	1 65

2¼ Inch

No.	$
5	1 45
6	1 50
7	1 55
8	1 60
9	1 65
10	1 75
5 11	1 85
12	2 00
13	2 20
14	2 45
15	2 85
*16	3 25
*17	3 55
18	4 10
1 20	4 85
22	5 25
24	5 75

5 Inch

No.	$
12	7 10
13	7 30
14	7 60
15	8 00
16	8 40
17	8 80
1 18	9 40
20	10 10
22	11 70
24	13 25
26	15 75
28	17 80
30	20 00
.....	

⅞ Inch

No.	$
2	65
3	67
4	70
5	75
6	82
7	87
8	92
10 9	95
10	1 05
11	1 10
12	1 15
13	1 25
14	1 35
15	1 60
16	1 85

2½ Inch

No.	$
5	1 75
6	1 80
7	1 85
8	1 90
9	2 00
5 10	2 10
11	2 15
12	2 25
13	2 40
14	2 60
*15	3 05
16	3 40
17	3 75
18	4 35
1 20	5 20
22	5 85
24	6 50

6 Inch

No.	$
12	8 70
13	9 00
14	9 30
15	9 90
16	10 60
17	11 25
1 18	12 65
20	13 80
22	15 00
24	16 20
26	20 00
28	22 55
30	25 15
.....	

1 Inch

No.	$
3	73
4	76
5	80
6	87
7	93
8	98
10 9	1 05
10	1 15
11	1 20
12	1 25
13	1 40
14	1 60
15	1 85
*16	2 10
17	2 30
5 18	2 65
20	3 15

2¾ Inch

No.	$
6	2 20
7	2 25
8	2 30
9	2 35
10	2 40
11	2 45
12	2 55
13	2 65
1 14	2 85
15	3 25
16	3 65
17	4 05
18	4 75
20	5 70
22	6 60
24	7 40

*The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

The following varieties of Iron Screws are invoiced from this list at varying discounts: Flat, Round, Piano, Fillister and Oval Head Screws, Dowel and Felloe Screws, Bright, Blued, Brassed, Bronzed, Japanned, Lacquered and Tinned, also Rogers and Diamond Point Drive Screws.

Iron, Nickel-plated Screws also take this List

For Discounts see Price List.

BRASS WOOD SCREWS

List of Jan. 1, 1891
Extended Nov. 10, 1898

Price per Gross

Patented
May 30, 1876

¼ Inch

No.	$
0	80
1	80
10 2	84
3	87
4	91
5	97
.....	
.....	
.....	

⅜ Inch

No.	$
0	80
1	82
2	86
3	89
10 4	95
5	1 03
6	1 10
7	1 20
8	1 35

½ Inch

No.	$
1	86
2	89
3	93
10 4	1 03
5	1 10
6	1 20
7	1 30
8	1 50
9	1 70
10	1 90

⅝ Inch

No.	$
1	91
2	91
3	99
4	1 06
5	1 20
6	1 30
7	1 50
10 8	1 70
9	1 90
10	2 15
11	2 40
12	2 65
13	3 00
14	3 35
15	3 70
16	4 10

¾ Inch

No.	$
2	1 06
3	1 10
4	1 15
5	1 30
6	1 45
7	1 60
8	1 90
10 9	2 15
10	2 40
11	2 65
12	3 00
13	3 35
14	3 70
15	4 10
16	4 50

⅞ Inch

No.	$
2	1 35
3	1 40
4	1 45
5	1 50
6	1 55
7	1 80
8	2 05
10 9	2 35
10	2 65
11	2 95
12	3 35
13	3 70
14	4 10
15	4 55
16	5 05

1 Inch

No.	$
3	1 55
4	1 60
5	1 65
6	1 70
7	1 95
8	2 30
10 9	2 60
10	2 95
11	3 30
12	3 65
13	4 10
14	4 55
15	5 00
*16	5 55
5 17	6 65

1¼ Inch

No.	$
3	2 05
4	2 10
5	2 15
6	2 20
7	2 25
10 8	2 65
9	3 00
10	3 25
11	3 85
12	4 35
13	4 85
*14	5 35
15	5 95
16	6 55
17	7 20
5 18	7 85
20	9 35

1½ Inch

No.	$
4	2 85
5	2 90
6	2 95
10 7	3 00
8	3 05
9	3 45
10	3 95
11	4 45
*12	5 00
*13	5 60
14	6 25
15	6 90
5 16	7 60
17	8 35
18	9 15
20	10 85
22	12 65

1¾ Inch

No.	$
6	3 75
10 7	3 80
8	3 85
9	3 90
*10	4 45
*11	5 05
12	5 70
13	6 35
14	7 10
15	7 90
5 16	8 65
17	9 50
18	10 45
20	12 40
22	14 50
24	16 85

2 Inch

No.	$
6	4 80
7	4 85
8	4 90
9	4 95
10	5 00
11	5 65
5 12	6 40
13	7 15
14	7 95
15	8 80
16	9 75
17	10 70
*18	11 70
*20	13 90
1 22	16 30
24	18 90

2¼ Inch

No.	$
8	6 85
9	6 90
10	6 95
11	7 00
5 12	7 05
13	7 90
14	8 80
*15	9 80
*16	10 75
17	11 90
18	13 00
1 20	15 40
22	18 05
24	20 95

2½ Inch

No.	$
9	9 40
10	9 50
11	9 55
5 12	9 60
13	9 65
14	9 70
*15	10 75
16	11 85
17	13 00
18	14 30
1 20	16 95
22	19 85
24	23 00
.....	

2¾ Inch

No.	$
9	11 50
10	11 60
11	11 65
12	11 70
13	11 75
14	11 80
1 15	11 95
16	12 00
17	14 20
18	15 65
20	18 40
22	21 60
24	25 00

3 Inch

No.	$
10	13 70
11	13 75
12	13 80
13	13 85
14	13 90
15	13 95
1 16	14 00
17	15 40
18	16 80
20	19 95
22	23 40
24	27 10
26	31 15
28	35 85
30	41 18

3½ Inch

No.	$
10	15 85
11	15 90
12	15 95
13	16 00
14	16 05
15	16 10
16	16 20
1 17	17 70
18	19 40
20	22 75
22	26 90
24	31 20
26	35 80
28	41 20
30	47 45

4 Inch

No.	$
12	18 40
13	18 60
14	18 80
15	19 00
16	19 20
17	20 35
18	22 30
1 20	26 90
22	30 80
24	36 00
26	40 70
28	47 35
30	54 56
.....	

4½ Inch

No.	$
14	22 40
15	22 60
16	22 80
17	23 40
1 18	25 75
20	30 90
22	35 40
24	41 40
26	46 80
28	54 40
30	62 70

5 Inch

No.	$
16	25 60
17	26 90
18	29 60
20	35 50
1 22	40 70
24	47 60
26	53 80
28	62 60
30	72 15
.....	
.....	
.....	

6 Inch

No.	$
16	28 20
17	31 00
18	34 05
20	40 80
1 22	46 80
24	54 75
26	61 90
28	72 95
30	82 95
.....	
.....	
.....	

*The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

The following varieties of Screws are invoiced from this list at varying discounts: Flat, Round, Fillister and Oval Head Screws, of Brass, Copper, Bronze or Phosphor Bronze, Bronzed or Lacquered.

Brass, Nickel-plated Screws also take this list

For Discounts see Price List.

SCHEDULE OF EXTRAS ON WIRE AND CUT NAILS

ADOPTED DEC. 1, 1896

COMMON

Size,	2	3	4	5	6	7	8	9	10	12	16d
Add to Base Price,	$0.70	45	30	30	20	20	10	10	05	05	05

30 to 60d, Base.

For Barbed Wire Nails add 15c. per keg to same size Common.

WIRE

Fine

2d	$1 00
3d, 1⅛x15	50
3d, extra fine, 1⅛x16	65

Smooth Finishing

10d and larger	25
8d and 9d	35
6d and 7d	45
5d	65
4d	65
3d	85
2d	1 15

Slating

2d	80
3d	60
4d and 5d	40
6d	30

Hinge

4d	80
6d	70
8d	60
10d and larger	50

Lining

¾ in.	1 20
⅞ in.	1 00
1 in.	80

Casing and Smooth Box

10d and larger	15
8d and 9d	25
6d and 7d	35
5d	50
4d	50
3d	70
2d	1 00

Spikes

3 in. to 9 in.	10

Clinch

2d	$1 05
3d	85
4d and 5d	65
6d and 7d	55
8d and 9d	45
10d to 20d	35

Barrel

¾ inch	1 00
⅞ "	85
1 "	70
1⅛ "	60
1¼ "	50
1⅜ "	40
1½ "	30

Barbed Roofing

¾ inch	75
⅞ "	65
1 "	60
1⅛ "	60
1¼ "	55
1½ "	45
1¾ "	45
2 "	35

Barbed Dowel Pins

⅝ inch	1 25
¾ "	1 00
⅞ "	85
1 "	70
1⅛ "	60
1¼ "	60
1⅜ "	60
1½ "	60

Light or Heavy Annealed Anchor

4d	95
6d	85
8d	75
10d and larger	65

Fence, Shingle, Flooring and Tobacco same as Common.

For Barbed Nails add 15c. per keg to same size smooth.

CUT

Flooring, Casing, Box and Finishing

10d & larger	$0 15
8d and 9d	25
6d and 7d	35
5d	50
4d	50
3d	70
2d	1 00

Fine Finishing

3 in. and larger	25
2½ and 2¾	35
2 and 2¼	45
1¾	65
1½	65
1¼	85
1	1 15

Fine Blued

4d	50
3d	65
2d	1 00

Spikes

All sizes	10

Light Barrel and Lining

1 inch	80
⅞ "	1 00
¾ "	1 20

Common Barrel and Roofing

1½ inch	$0 30
1⅜ "	40
1¼ "	50
1⅛ "	60
1 "	60
⅞ "	65
¾ "	75

Slating

6d	30
5d	40
4d	40
3d	60
2d	80

Clinch and Boat

3 in. & larger	35
2½ and 2¾ in.	45
2 and 2¼ in.	55
1½ and 1¾ in.	65
1¼ in.	85
1 in.	1 05

Cooper and Tobacco

10d	05
8d	10
6d and 7d	20
4d and 5d	40
3d	50

Fence and Sheathing same as Common.

For Discounts see Price List.

MISCELLANEOUS WIRE NAIL LIST

List of July 20, 1899

Price per Pound

Applying to all Nails except Standard Nails in kegs

Prices stated are for 1 and 5 lb. packages

Length In.	Gauge No.	Per lb.
¼	19	$1 00
	20	1 25
	21	1 55
	22	1 90
⅜	18	80
	19	90
	20	1 00
	21	1 25
	22	1 55
½	14 to 16	55
	17	60
	18	65
	19	75
	20	85
	21	1 00
	22	1 25
⅝	12 to 14	43
	15	45
	16	50
	17	52
	18	58
	19	65
	20	75
	21	85
	22	1 10
¾	10 to 12	36
	13	38
	14	38
	15	42
	16	43
	17	46
	18	52
	19	60
	20	70
	21	85
⅞	8 to 12	$0 33
	13	34
	14	35
	15	36
	16	39
	17	43
	18	45
	19	56
	20	67
1	7 to 12	30
	13	31
	14	32
	15	33
	16	36
	17	40
	18	43
	19	53
	20	64
1⅛	7 to 12	30
	13	31
	14	32
	15	32
	16	35
	17	40
	18	43
	19	53
1¼ & 1⅜	6 to 12	29
	13	30
	14	31
	15	32
	16	34
	17	39
1½	4 to 13	$0 29
	14	30
	15	31
	16	33
	17	38
1¾	4 to 13	28
	14	29
	15	30
	16	32
	17	38
2	3 to 10	27
	11	28
	12	28
	13	28
	14	29
	15	30
	16	35
2¼	3 to 10	27
	11	28
	12	28
	13	28
	14	29
2½	3 to 10	26
	11	27
	12	27
	13	28
2¾	3 to 10	26
	11	27
	12	27
3 & 3¼	3 to 10	25
	11	26
	12	27
3½ & 4	3 to 10	25
	11	26

EXTRAS—ADD TO LIST

½ lb. papers.....4 cents | ¼ lb. papers.....8 cents
Oval, Cone or other Special Heads or Special Points, or for Barbing or Annealing.....2 cents
Nails combining several specialties, add as above for each.
For sizes not listed, use list price for the desired gauge in nearest shorter length.
For nails heavier than are listed, special net prices will be quoted.

REBATES—DEDUCT FROM LIST

Nails in 25 or 50 lb. boxes.....1 cent | Nails in 100 lb. kegs.....2 cents

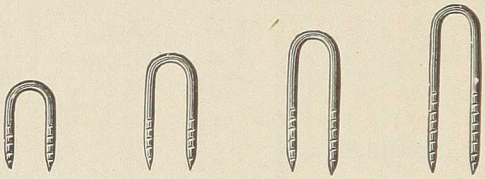
Galvanized or Tinned Nails at special prices

For Discounts see Price List.

BARBED SASH PINS.

No. 8 Wire. ¾, ⅞, 1, 1⅛, 1¼, and 1½ in. long.

BARBED BLIND STAPLES.



⅜ in. ½ in. ⅝ in. ¾ in.

No. 18 Coppered Wire.

GLUE.

Peter Cooper's. Nos. A Extra, 1 Extra, 1, 1x, 1¼, 1⅜, 1½, 1⅝, 1¾, 1⅞, and 2.

Buffalo. Nos. DB1 and B1.

LIQUID GLUE.

Improved Process. In ½ gill, gill, ½ pint, pint, quart, ½ gallon, gallon, and 5 gallon cans.

Le Page's. In ½ gill, gill, ½ pint, pint, quart, ½ gallon, and gallon cans.

See Price List.

SAND PAPER.

Flint and Garnet.

In sheets 9 x 11 in. Nos. 00, 0, ½, 1, 1½, 2, 2½, 3, 3½, and 4.
(We also handle large quantities of the roll paper.)

DEADENING FELT.

450 Square Feet in a Roll.

6 Square Feet to a pound. 36 in. wide.
9 Square Feet to a pound. 36 in. wide.

SHEATHING PAPER.

Resin Sized.

12 Square Feet to a pound. 36 in. wide. About 500 Square Feet in a Roll.

ROOFING PAPER.

Best Tar.

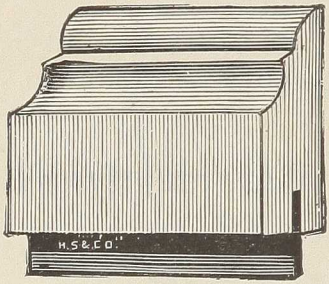
1 Ply. 32 in. wide. 324 Square Feet in a Roll.
2 Ply. 32 in. wide. 108 Square Feet in a Roll.

ROOFING TINS.

1⅛ in. diameter. For fastening all roofing papers to the sheathing boards. The cap is used as a washer for the head of the nail, preventing the nail from cutting the felt or pulling through. A 1 or 1½ in. No. 12 Barbed Wire Nail will answer all purposes. We will not send nails with tins unless so specified in order.

See Price List.

WEATHER STRIP.



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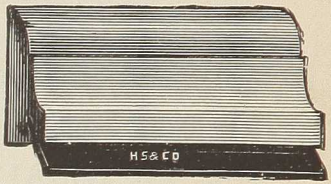
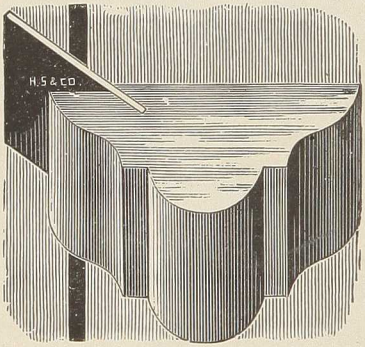


No. 3.

No. 5.



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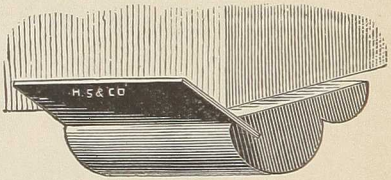


No. 6.

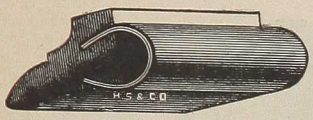
Walnut, Ash, or Red Cherry. Not * Polished.

No. 2. For bottoms of light inside doors.
No. 3. For lower sash of lift windows.
No. 4. For double doors.
No. 5. For upper sash of lift windows.
No. 6. For closing joint between two windows.

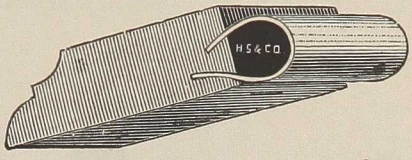
* We can also furnish Polished Weather Strip, but it is not carried in stock.

See Price List.

WEATHER STRIP.



No. 7.

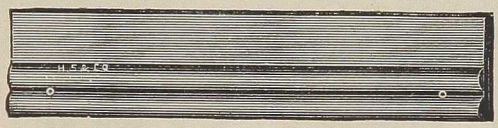


No. 8.

Walnut, Ash, or Red Cherry. Not *Polished.

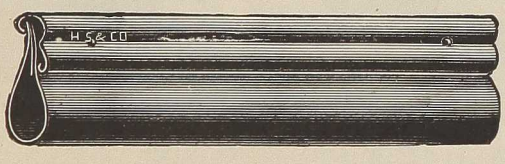
No. 7. For double and single doors and French windows.
No. 8. For heavy doors where too much warped to admit use of No. 7.

*We can also furnish Polished Weather Strip, but it is not carried in stock.



Metallic.

No. 2. ½ in. wide.
No. 3. ⅝ in. wide.

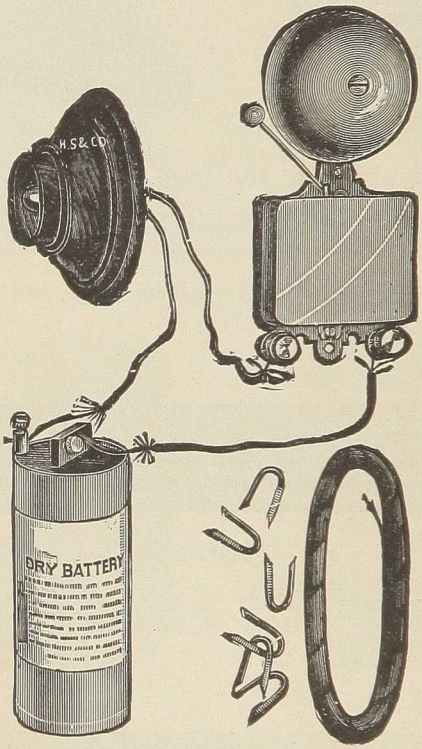


Elastic.

No. 7. ½ in. wide.
No. 8. ⅝ in. wide.

See Price List.

ELECTRIC CALL BELL OUTFIT.



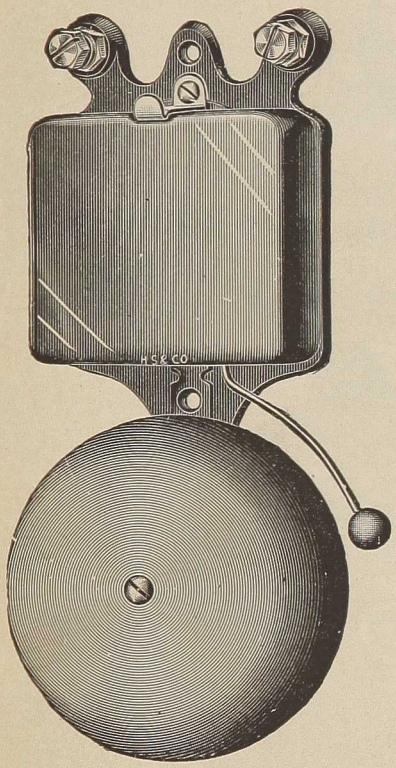
No. 1. This set contains

One Iron Box Bell, 2½ in. gong.
One cell Dry Battery.
One Wooden Push Button.
Fifty Feet Insulated Wire.
Necessary Staples.

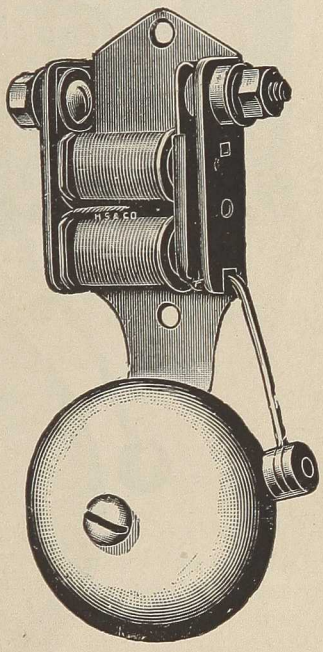
Full instructions are packed with each set.

See Price List.

ELECTRIC BELLS.



No. 189.

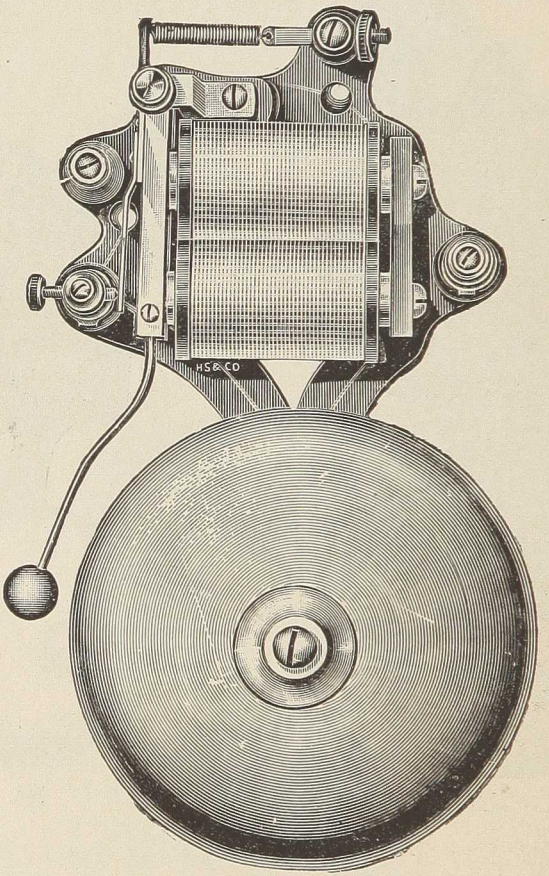


No. 18.

No. 189. 2½, 4, and 5 in. Japanned Iron Box, Nickel-plated Gong. Pivoted Armature, Double Adjustment.
No. H. 2½ in. Style of No. 2, but with Dome Gong.
No. 18. 1¾ in. Nickel-plated Box and Gong.

See Price List.

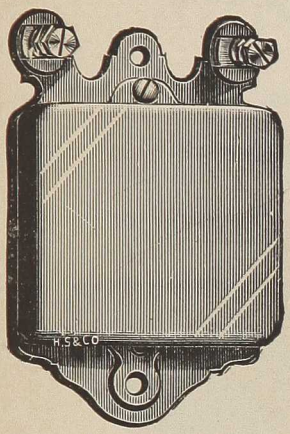
ELECTRIC BELLS.



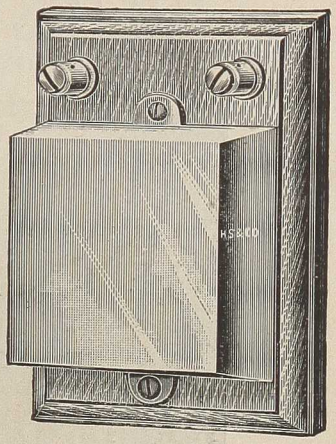
No. 6. 4, 5, 6, and 8 in. Japanned Iron Frame, Cast Bell Metal Gong, Nickel Plated. Pivoted Armature.

See Price List.

BUZZERS.



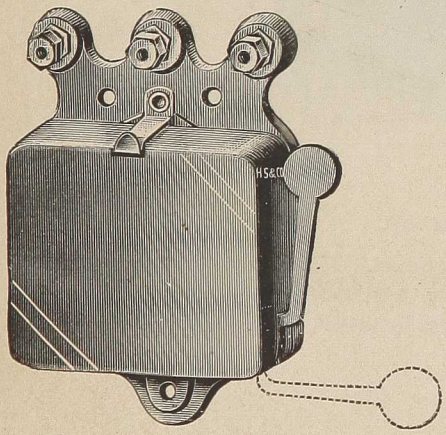
Style H.



Style C.

Style C. Wood Base, Nickel-plated Cover, and Binding Posts.
Style H. Iron Box, Nickel-plated Cover, Pivoted Armature, Double Adjustment.

AUTOMATIC DROPS.



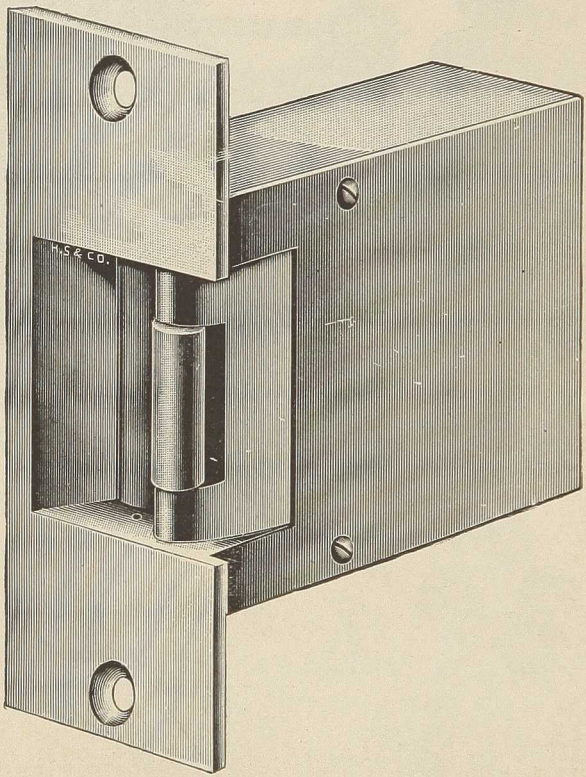
Style B. Iron, Japanned.

These Drops are used for closing a bell circuit automatically, and holding it closed as long as desired. Placed in a bell circuit, when the circuit is closed by a push button or a door or window spring, the circuit closer drop, operated by an electro-magnet, falls and holds the circuit until it is raised again.

See Price List.

ELECTRIC DOOR OPENERS.

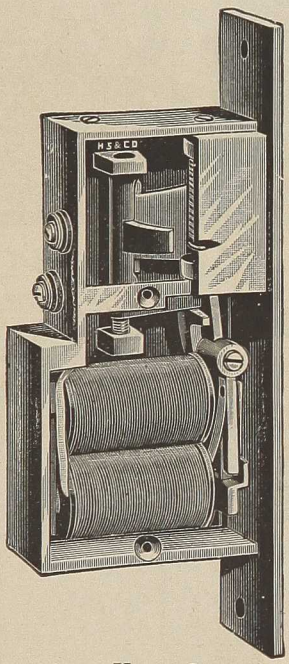
(Full-size Cut.)



No. 154. Iron Back, Brass Side and Front. The patent anti-friction roller enables it to be used for very heavy doors, with small battery power. Each one carefully tested under heavy pressure. $3\frac{5}{16}$ x 1¼ in. Front.

ELECTRIC DOOR OPENERS.

SCHNEIDER'S PATENT.

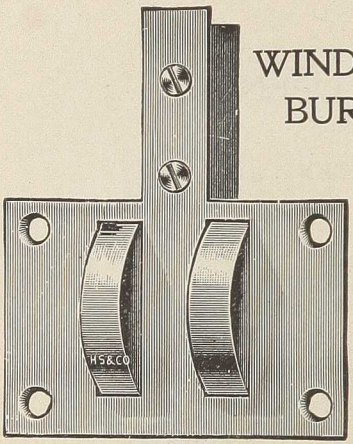


No. 126.

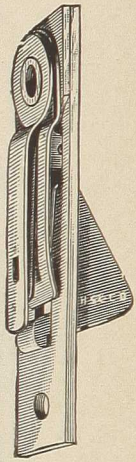
No. 126. Bronze Front. Can be used on either Right or Left Hand Doors. Complete with Push-out Spring and Screws.

See Price List.

WINDOW SPRINGS FOR BURGLAR ALARMS.

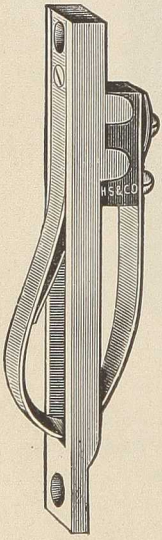


Double. Old Style.

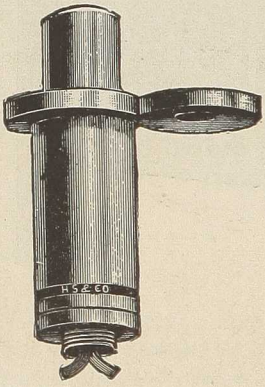


Single. Small.

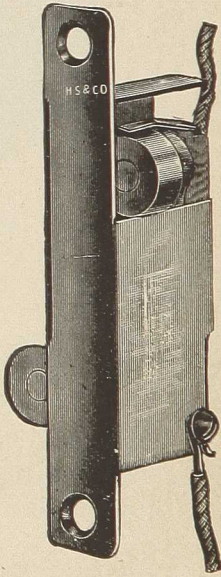
DOOR SPRINGS.



Single. Large.



Cylindrical.

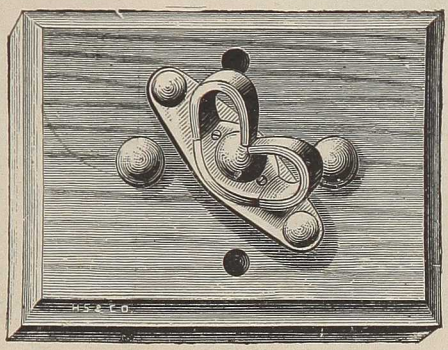


Double. Patent.

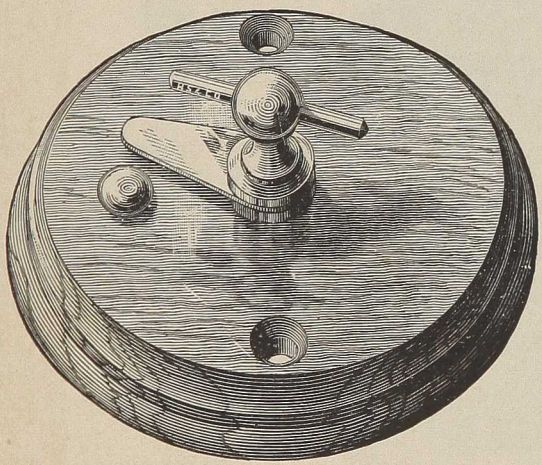
See Price List.

SWITCHES.

(Full-size Cuts.)



Crown. Single Point; Ash, Cherry, or Antique Oak.



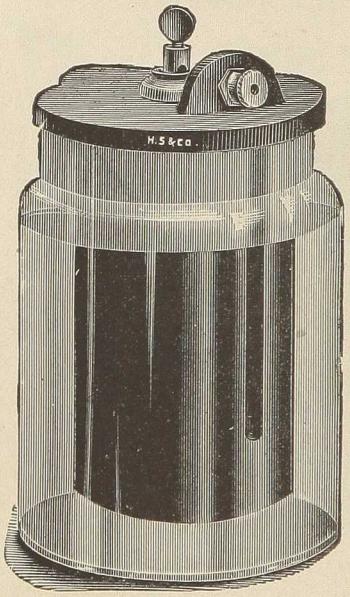
No. 1. Single Point; Ash, Cherry, or Antique Oak.
No. 2. Double Point; Ash, Cherry, or Antique Oak.

See Price List.

BATTERIES.

No. 1.

No. 2.



No. 3.

No. 1. "Gonda" Porous Cup. 8 in. high, 4½ in. square.

No. 2. "Gonda" Carbon. 8 in. high, 4½ in. square.

No. 3. Carbon Cylinder. Open Circuit.

For Sal Ammoniac and Extra Zincs see following page.

DRY BATTERIES.

No. 5. "Mesco." 2½ x 7 in. For Call Bells, Annunciators, Burglar Alarms, Telephones, and all open circuit work.

Extra Zincs for Nos. 1, 2, and 3.

Sal Ammoniac. In 4 oz. or 1 lb. papers or 10 lbs. bulk.

See Price List.

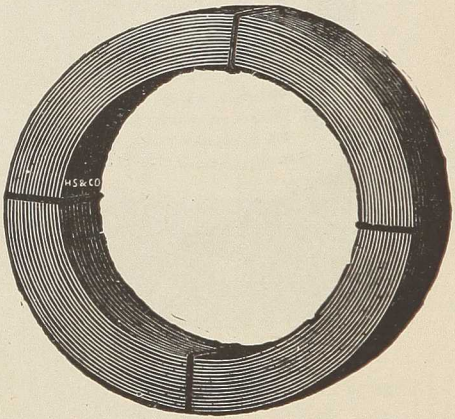
ELECTRICIANS' STAPLES.

½ in. Tinned.

ELECTRIC TAPE.

White. In ½ lb. rolls. For covering wire joints.

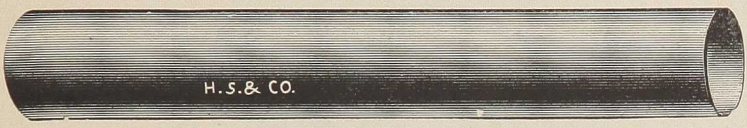
ANNUNCIATOR WIRE.



No. 18 Gauge. 1 lb. coils. Double Wound, Paraffined. About 160 feet to a lb. Braided in Red, White, or Red and White mixed.

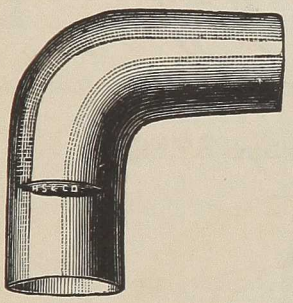
See Price List.

SPEAKING TUBE.

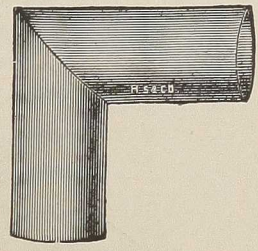


Tin. 1 inch.

ELBOWS.



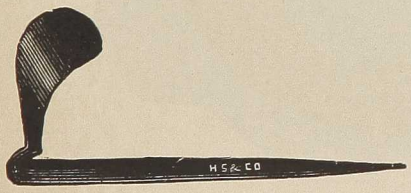
Round.



Square.

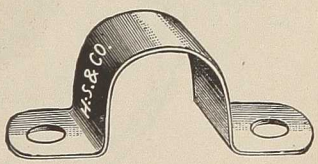
Round or Square. Tin. 1 inch.

HOOKS.



Wrought Iron.

STRAPS.

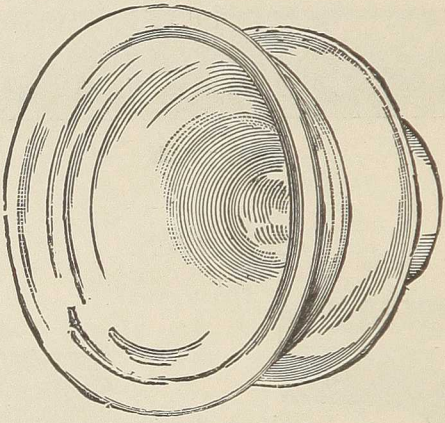


Tinned.

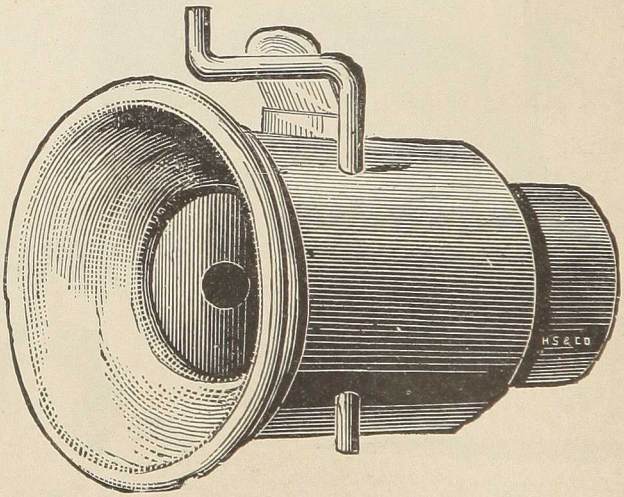
See Price List.

MOUTHPIECES.

(Full-size Cuts.)



No. 33. Porcelain.



No. 52. Nickel. With Indicator and Whistle.
No. 158. Porcelain. With Indicator and Whistle.

See Price List.

WE illustrate on the following pages goods which we do not carry regularly in stock, but we can procure promptly from the factory.

IN ORDERING, be sure to state design and finish wanted.

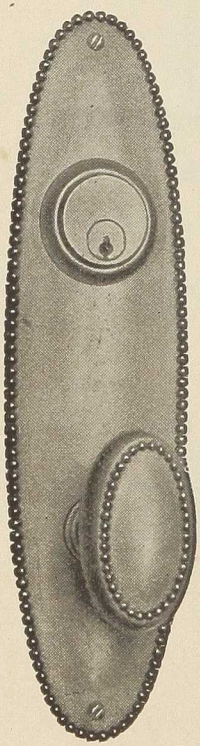
HAMMACHER, SCHLEMMER & CO.,

209 Bowery, New York, since 1848.

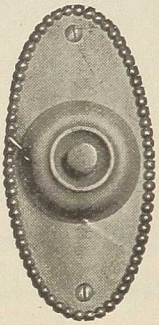
FANCY DESIGN HARDWARE.

(One-third-size Cuts.)

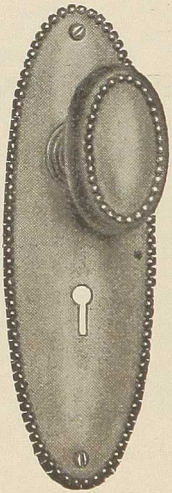
DESIGN "LENOX."



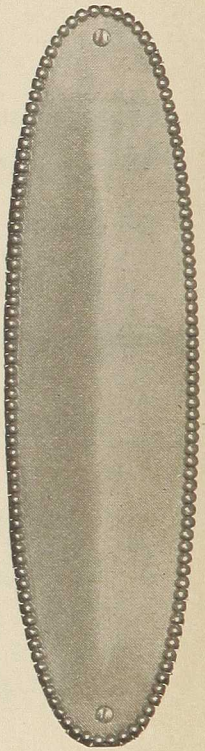
No. 1392 x 003746.



No. 1411.



No. 01259 x 03724.



No. 2276.

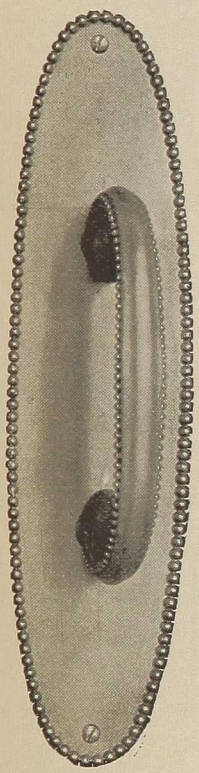
For description see following page.

FANCY DESIGN HARDWARE.

(One-third-size Cut.)

DESIGN "LENOX."

Cast Bronze.



No. 2165.

Finish No. 1. Polished.
Finish No. 24. Antique Copper, Dark, Polished, and Relieved.
Finish No. 25. Antique Copper (Sand), Relieved.

No. 1411.	4½ x 2¼ in.	Push Button.
No. 2165.	10¾ x 2¾ in.	Door Pull.
No. 2276.	10¾ x 2¾ in.	Push Plate.
No. 2276.	17¾ x 3½ in.	Push Plate.

FRONT DOOR LOCK SETS.

Set No. F2000.	No. 01242½,	Lock.	See page 284.
	No. 03724,	Knobs.	2¼ x 2¼ in.
	No. 01254,	Escutcheon.	10½ x 2¾ in.
	No. 1104,	Escutcheon.	2⅛ x 1⅛ in.
Set No. F2100.	No. 1700½,	Lock.	See page 284.
	No. 003746,	Knobs.	2½ x 2¼ in.
	No. 1392,	Escutcheon.	10½ x 2¾ in.
	No. 1393½,	Escutcheon.	7 x 2⅜ in. With Thumb Knob.

VESTIBULE DOOR LOCK SETS.

Set No. V2050.	No. 01247½,	Latch.	See page 285.
	No. 03724,	Knobs.	2¼ x 2¼ in.
	No. 01259,	Escutcheon.	7 x 2⅜ in.
Set No. V2150.	No. 1705½,	Latch.	See page 285.
	No. 03746,	Knobs.	2½ x 2¼ in.
	No. 1395,	Escutcheon.	8½ x 2½ in.

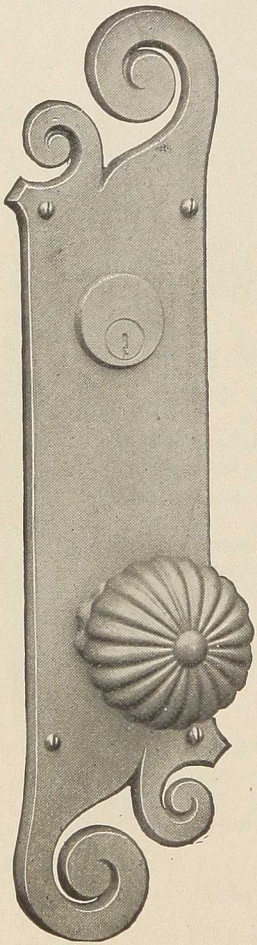
STORE DOOR LOCKS AND HANDLES.

No. 2342 x 1545½. Handle No. 2342, 17¾ x 3½ in.
Lock No. 1545½. See page 90.

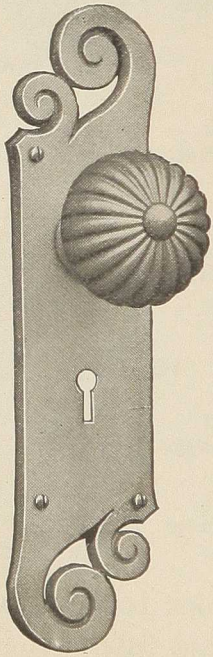
FANCY DESIGN HARDWARE

(One-third-size Cuts.)

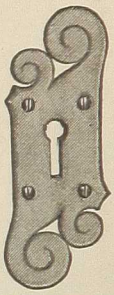
DESIGN "ARLINGTON."



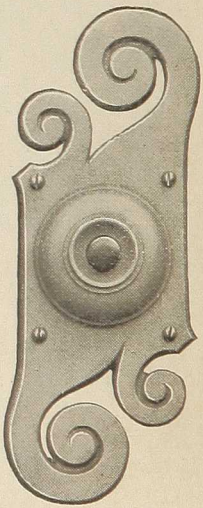
No. 1392 x 002846.



No. 01259 x 02824.



No. 1105.



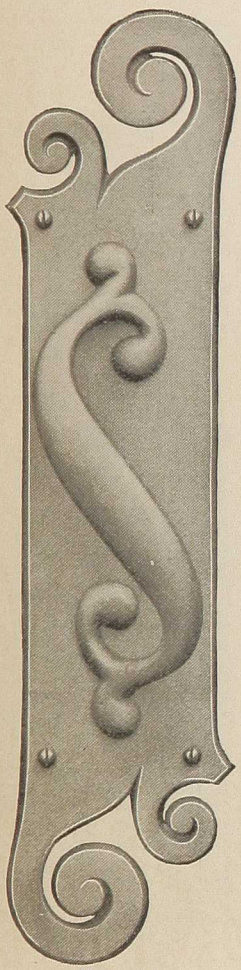
No. 1411.

For description see following page.

FANCY DESIGN HARDWARE.

(One-third-size Cut.)

DESIGN "ARLINGTON."



No. 2165.
Right Hand.

Cast Bronze.

Finish No. 1. Polished.
Finish No. 24. Antique Copper, Dark, Polished, and Relieved.
Finish No. 25. Antique Copper (Sand), Relieved.

No. 1411. 7¼ x 2⅞ in. Push Button.
No. 1413. 3½ x 1¼ in. Push Button.
No. 2165. 13½ x 3¼ in. Door Pull. (Mention Hand wanted.)
No. 2276. 13½ x 3¼ in. Push Plate.

FRONT DOOR LOCK SETS.

Set No. F2200.
- No. 01242½, Lock. See page 284.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01254, Escutcheon. 11 x 3 in.
- No. 1105, Escutcheon. 4 x 1½ in.

Set No. F2300.
- No. 1700½, Lock. See page 284.
- No. 002846, Knobs. 2½ x 2¼ in.
- No. 1392, Escutcheon. 13½ x 3¼ in.
- No. 01393, Escutcheon. 7 x 2 in. With Thumb Knob.

VESTIBULE DOOR LOCK SETS.

Set No. V2250.
- No. 01247½, Latch. See page 285.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01259, Escutcheon. 9½ x 2½ in.

Set No. V2350.
- No. 1705½, Latch. See page 285.
- No. 02846, Knobs. 2½ x 2¼ in.
- No. 1395, Escutcheon. 11 x 3 in.

STORE DOOR LOCKS AND HANDLES.

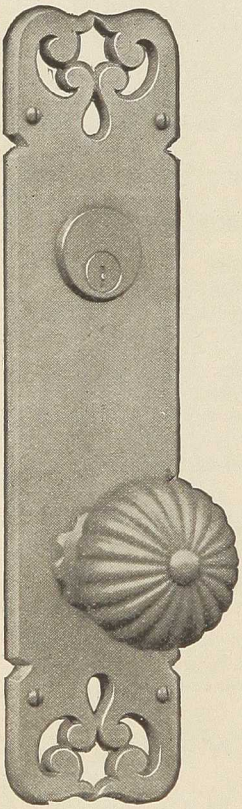
No. 2330 x F1145½. Handle No. 2330. 18 x 3 in.
Lock No. F1145½. See page 89.

No. 2342 x 1545½. Handle No. 2342. 19¾ x 3¼ in.
Lock No. 1545½. See page 90.

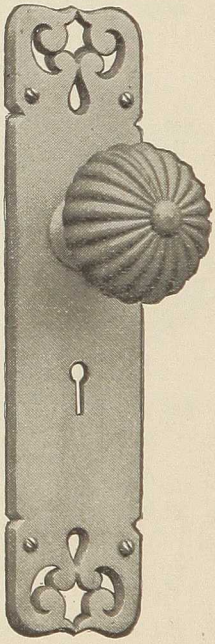
FANCY DESIGN HARDWARE.

(One-third-size Cuts.)

DESIGN "COLONIAL."

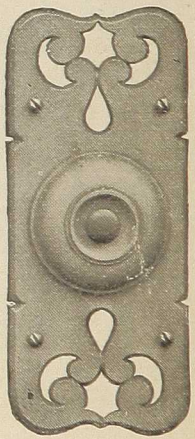


No. 1392 x 002846.



No. 01259 x 02824.

No. 1105.



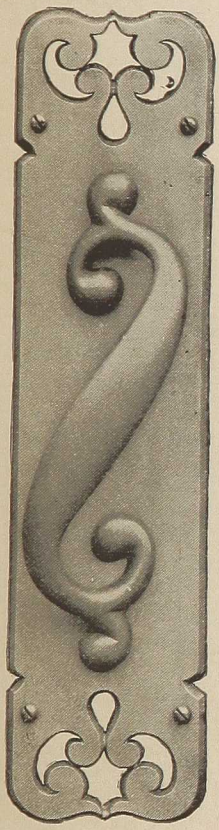
No. 1411.

For description see following page.

FANCY DESIGN HARDWARE.

(One-third-size Cut.)

DESIGN "COLONIAL."



No. 2165.
Left Hand.

Cast Bronze.

Finish No. 1. Polished.
Finish No. 24. Antique Copper, Dark, Polished, and Relieved.
Finish No. 25. Antique Copper (Sand), Relieved.

No. 1411. 6 x 2⅝ in. Push Button.
No. 2165. 11½ x 2⅞ in. Door Pull. (Mention Hand wanted.)
No. 2276. 11½ x 2⅞ in. Push Plate.
No. 2276. 15 x 2⅞ in. Push Plate.

FRONT DOOR LOCK SETS.

Set No. F2400.
- No. 01242½, Lock. See page 284.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01254, Escutcheon. 10 x 2⅝ in.
- No. 1105, Escutcheon. 2¼ x 1¼ in.

Set No. F2500.
- No. 1700½, Lock. See page 284.
- No. 002846, Knobs. 2½ x 2¼ in.
- No. 1392, Escutcheon. 11½ x 2⅞ in.
- No. 01393, Escutcheon. 6¼ x 1⅝ in. With Thumb Knob.

VESTIBULE DOOR LOCK SETS.

Set No. V2450.
- No. 01247½, Latch. See page 285.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01259, Escutcheon. 9 x 2¼ in.

Set No. V2550.
- No. 1705½, Latch. See page 285.
- No. 02846, Knobs. 2½ x 2¼ in.
- No. 1395, Escutcheon. 10 x 2⅝ in.

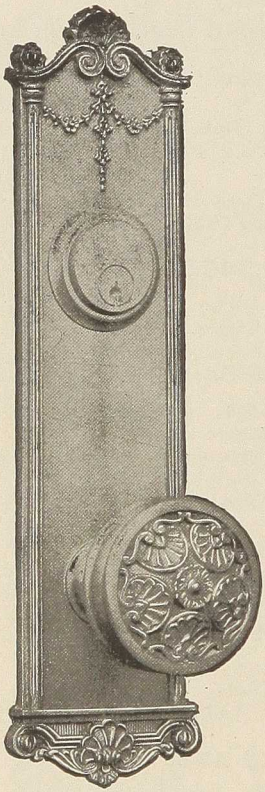
STORE DOOR LOCKS AND HANDLES.

No. 2340 x 1545½. Handle No. 2340. 14 x 2¾ in.
Lock No. 1545½. See page 90.
No. 2342 x 1545½. Handle No. 2342. 18 x 3⅛ in.
Lock No. 1545½. See page 90.

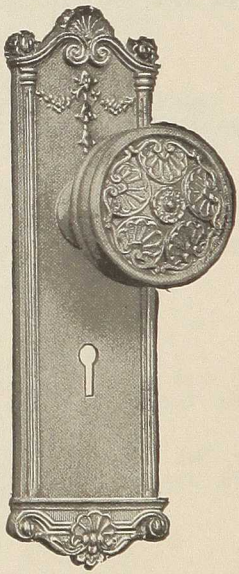
FANCY DESIGN HARDWARE.

(One-third-size Cuts.)

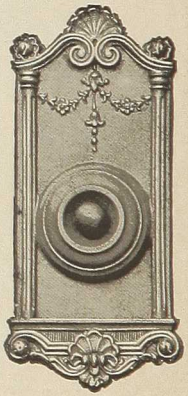
DESIGN "QUINCY."



No. V1392 x 002846.



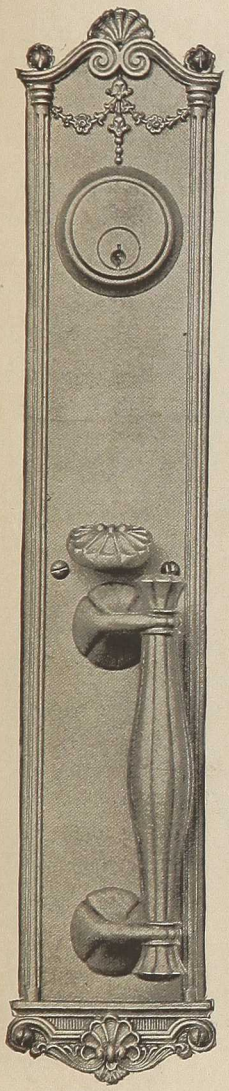
No. 01259 x 02824.



No. 1411.

For description see following page.

FANCY DESIGN HARDWARE.



No. 2341.

(One-third-size Cut.)

DESIGN "QUINCY."

Cast Bronze.

Finish No. 35. Antique Brass (Sand), Relieved.

No. 1411. 5½ x 2½ in. Push Button.
No. 2168. 11 x 3 in. Door Pull.
No. 2168. 15 x 3 in. Door Pull.
No. 2276. 11 x 3 in. Push Plate.
No. 2276. 15 x 3 in. Push Plate.

FRONT DOOR LOCK SETS.

Set No. F2600.
- No. 01242½, Lock. See page 284.
- No. 02824, Knoos. 2¼ x 2¼ in.
- No. 01254, Escutcheon. 9 x 2¾ in.
- No. 1105, Escutcheon. 3 x 1⅜ in.

Set No. F2700.
- No. 1700½, Lock. See page 284.
- No. 002846, Knobs. 2½ x 2¼ in.
- No. V1392, Escutcheon. 11 x 3 in.
- No. V01393, Escutcheon. 6¼ x 1⅞ in. With Thumb Knob.

VESTIBULE DOOR LOCK SETS.

Set No. V2650.
- No. 01247½, Latch. See page 285.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01259, Escutcheon. 8 x 2⅝ in.

Set No. V2750.
- No. 1705½, Latch. See page 285.
- No. 02846, Knobs. 2½ x 2¼ in.
- No. V1395, Escutcheon. 9 x 2¾ in.

STORE DOOR LOCKS AND HANDLES.

No. 2341 x 1545½. Handle No. 2341. 15 x 3 in.
Lock No. 1545½. See page 90.

FANCY DESIGN HARDWARE.

(One-third-size Cuts.)

DESIGN "BELFORT."

No. 1392 x 002846.

No. 01259 x 02824.

No. 1105.

No. 1411.

For description see following page.

No. 2165. Right Hand.

FANCY DESIGN HARDWARE.

(One-third-size Cut.)

DESIGN "BELFORT."

Cast Bronze.

Finish No. 24. Antique Copper, Dark, Polished, and Relieved.
Finish No. 25. Antique Copper (Sand), Relieved.

No. 1411. 7 x 2¾ in. Push Button.
No. 2165. 16 x 3¼ in. Door Pull. (Mention Hand wanted.)
No. 2276. 16 x 3¼ in. Push Plate.

FRONT DOOR LOCK SETS.

Set No. F2800.
- No. 01242½, Lock. See page 284.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01254, Escutcheon. 12 x 2¾ in.
- No. 1105, Escutcheon. 3 x 1⅝ in.

Set No. F2900.
- No. 1700½, Lock. See page 284.
- No. 002846, Knobs. 2½ x 2¼ in.
- No. 1392, Escutcheon. 16 x 3¼ in.
- No. 01393, Escutcheon. 6¾ x 1¾ in. With Thumb Knob.

VESTIBULE DOOR LOCK SETS.

Set No. V2850.
- No. 01247½, Latch. See page 285.
- No. 02824, Knobs. 2¼ x 2¼ in.
- No. 01259, Escutcheon. 9¾ x 2¾ in.

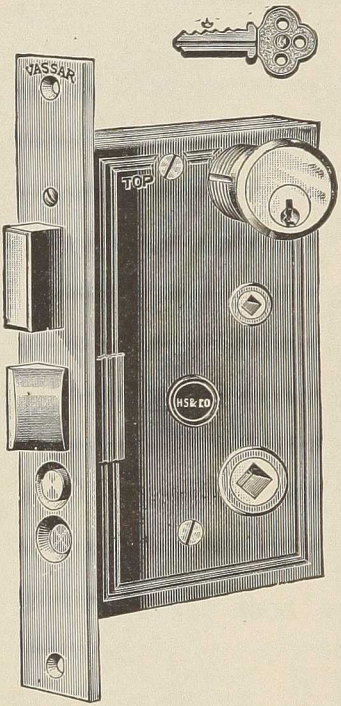
Set No. V2950.
- No. 1705½, Latch. See page 285.
- No. 02846, Knobs. 2½ x 2¼ in.
- No. 1395, Escutcheon. 13 x 2⅞ in.

STORE DOOR LOCKS AND HANDLES.

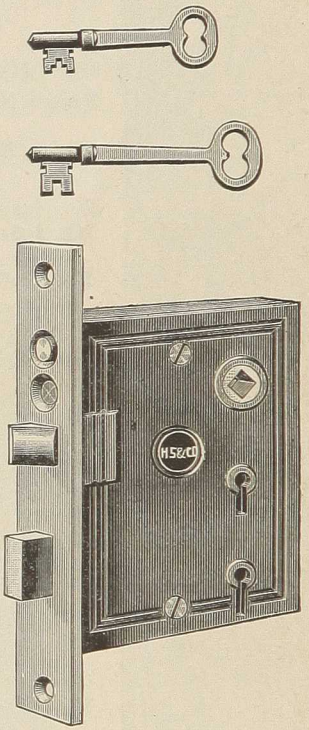
No. 2330 x F1145½. Handle No. 2330. 22⅛ x 3 in. Lock No. F1145½. See page 89.
No. 2342 x 1545½. Handle No. 2342. 22⅜ x 3¼ in. Lock No. 1545½. See page 90.

FRONT DOOR MORTISE LOCKS.

(One-third-size Cuts.)



No. 1700½.



No. 01242½.

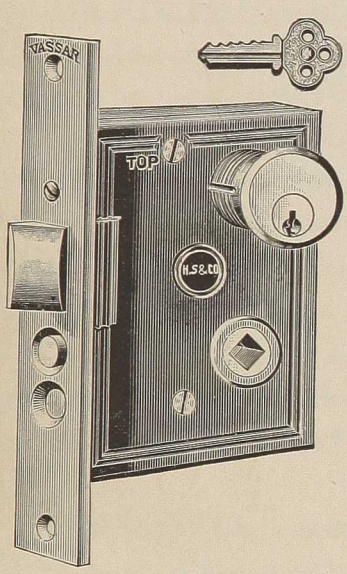
No. 01242½. 4¾ x 3½ in. Bronze Front, Strike, and Bolt. 2⅝ in. from Front to Center of Keyhole. 1 Tumbler on each Bolt, 12 Changes, with 2 Night Keys and 1 Main Key. Hub for 5/16 in. Swivel Spindle. Reversible by taking off Cap Plate.

No. 1700½. 6¾ x 4 in. Bronze Front, Strike, Bolts, and Cylinder. 3 in. from Front to Center of Keyhole. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. **In ordering, give Thickness of Door and state whether for Right or Left Hand Doors.**

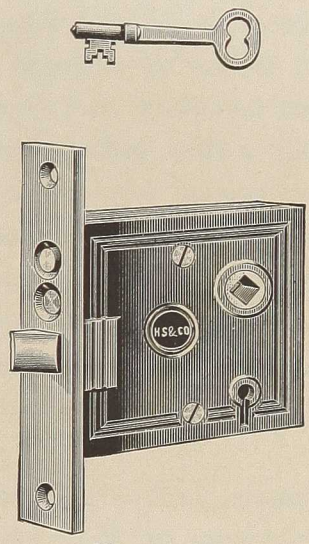
See Price List.

VESTIBULE DOOR MORTISE LATCHES.

(One-third-size Cuts.)



No. 1705½.



No. 01247½.

No. 01247½. 3¼ x 3½ in. Bronze Front, Strike, and Bolt. 2⅝ in. from Front to Center of Keyhole. 1 Tumbler, 12 Changes, with 2 Night Keys. Hub for 5/16 in. Swivel Spindle. Reversible by taking off Cap Plate.

No. 1705½. 5 x 4 in. Bronze Front, Strike, Bolt, and Cylinder. 3 in. from Front to Center of Keyhole. 3 German Silver Keys. Hub for ⅜ in. Swivel Spindle. **In ordering, give Thickness of Door and state whether for Right or Left Hand Doors.**

See Price List.

Important.

GLASS KNOBS.

GLASS KNOBS (excepting those having D and S added to numbers) are regularly made with $^{5}/_{16}$ in. spindle. They can be made with $^{12}/_{16}$ in. shank to fit any of the escutcheons shown in this catalogue at an additional cost. (See Price List.) They can also be furnished with a closet spindle or with spindle to receive metal knob on one end.

The smaller sizes of Glass Knobs (having the letters D and S added to numbers) are fastened with a machine screw.

In our Price List we only give prices for Brass and Bronze Polished and Old Brass Finish Trim, although we can furnish any other finish wanted at a slight advance in price.

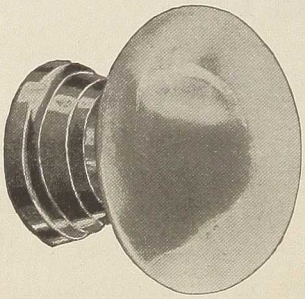
IN ORDERING, it is important to give finish wanted, thickness of door, and whether or not to fit an escutcheon. We will always send knobs with regular $^{5}/_{16}$ in. spindle unless ordered otherwise.

HAMMACHER, SCHLEMMER & CO.,

209 Bowery, New York, since 1848.

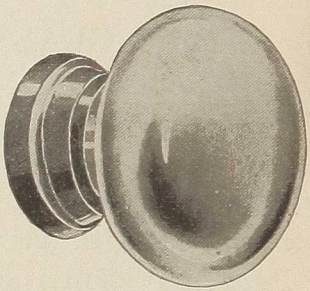
MEASUREMENTS OF GLASS KNOBS.
DOOR, about 2¼ in.
DRAWER, about 1¾ in.
SHUTTER, about 1¼ in.

GLASS KNOBS.



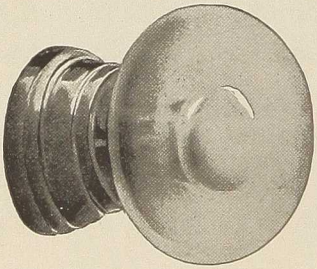
Pressed Glass, round, flat top, plain.

No. 1. Door.
No. 1D. Drawer.
No. 1S. Shutter.



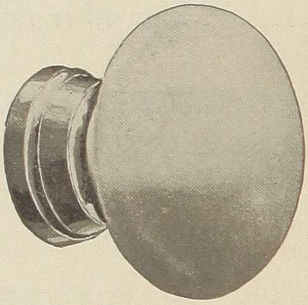
Pressed Glass, silver filled, round, flat top, plain.

No. 12. Door.
No. 12D. Drawer.
No. 12S. Shutter.



Pressed Glass, round, flat top, plain, with silver center.

No. 14. Door.
No. 14D. Drawer.
No. 14S. Shutter.

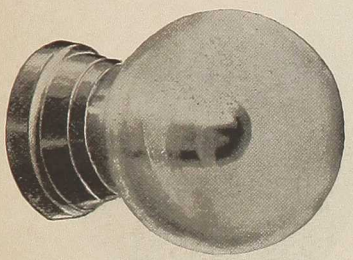


White Porcelain, round, flat top, plain.

No. 3. Door.
No. 3D. Drawer.
No. 3S. Shutter.

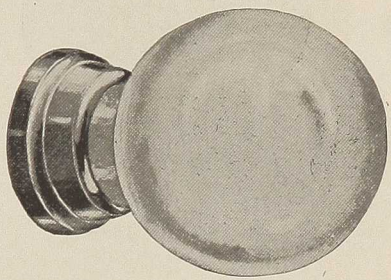
Before ordering read page 287.

GLASS KNOBS.



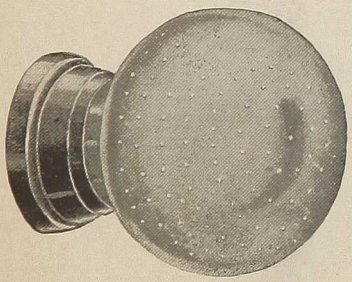
Pressed Glass, ball, plain. with silver center.

No. 17. Door.
No. 17D. Drawer.
No. 17S. Shutter.



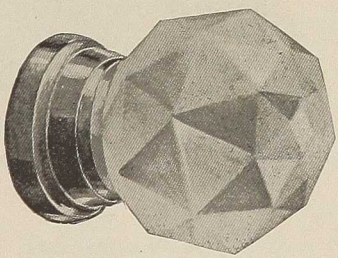
Pressed Glass, ball, plain.

No. 11. Door.
No. 11D. Drawer.
No. 11S. Shutter.



Pressed Glass, ball, flecked.

No. 32. Door.
No. 32D. Drawer.
No. 32S. Shutter.

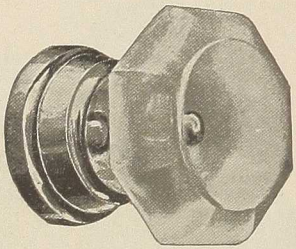


Cut Glass, ball.

No. 10. Door.
No. 10D. Drawer.
No. 10S. Shutter.

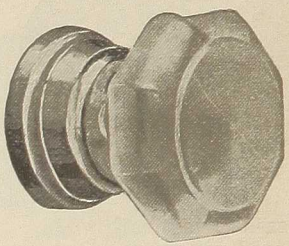
Before ordering read page 287.

GLASS KNOBS.



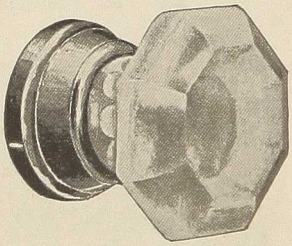
Pressed Glass, octagon, flat top, with silver center.

No. 16. Door.
No. 16D. Drawer.
No. 16S. Shutter.



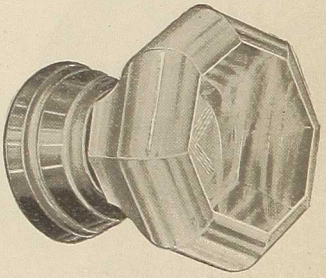
Pressed Glass, octagon, flat top, plain.

No. 4. Door.
No. 4D. Drawer.
No. 4S. Shutter.



Cut Glass, octagon, flat top, plain.

No. 7. Door.
No. 7D. Drawer.
No. 7S. Shutter.



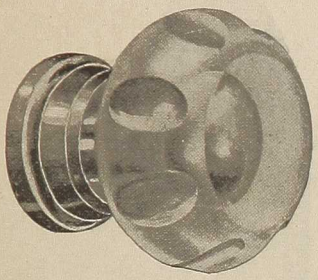
(As No. 7, but deeper.)

Cut Glass, octagon, flat top, plain.

No. 9. Door.
No. 9D. Drawer.
No. 9S. Shutter.

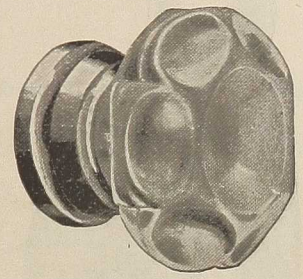
Before ordering read page 287.

GLASS KNOBS.



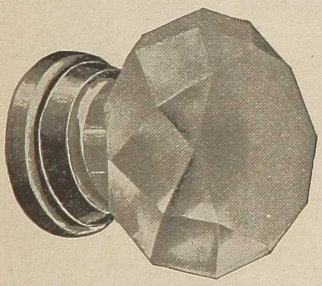
Cut Glass, round, fancy, flat top with silver center.

No. 18. Door.
No. 18D. Drawer.
No. 18S. Shutter.



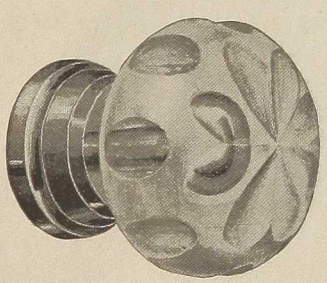
Pressed Glass, round, fancy, concave top.

No. 6. Door.
No. 6D. Drawer.
No. 6S. Shutter.



Cut Glass, round, flat top.

No. 21. Door.
No. 21D. Drawer.
No. 21S. Shutter.



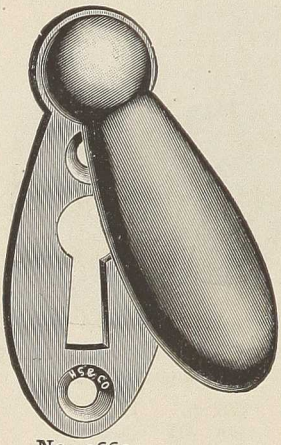
Cut Glass, round, fancy, with silver center.

No. 19. Door.
No. 19D. Drawer.
No. 19S. Shutter.

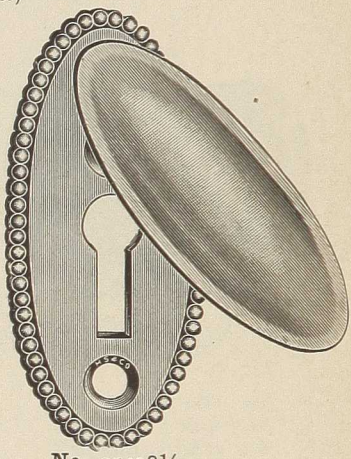
Before ordering read page 287.

PLATE ESCUTCHEONS.

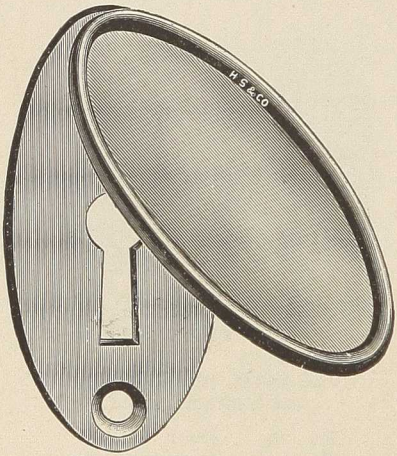
(Full-size Cuts.)



No. 2663.



No. 05498½.



No. 2664.

No. 05118½.

No. 2663. Cast Bronze or Brass, Polished or Old Brass Finish.
No. 2664. Cast Bronze or Brass, Polished or Old Brass Finish.
No. 05118½. Cast Bronze or Brass, Polished or Old Brass Finish.
No. 05498½. Cast Bronze or Brass, Polished or Old Brass Finish.

See Price List.

WE are also very large handlers of the following lines:—Cabinet, Piano, Refrigerator and Bar Hardware; Tools for all Trades, including Machinists' and Metal Workers' Tools, Carpenters' and General Wood Workers' Tools, Piano Tuners' and Wood Carvers' Tools, and for several years have made a specialty of Tools and Benches for Manual Training and Technical Schools.

We issue separate catalogues of nearly all these lines, which we distribute upon reasonable terms—write for particulars.

HAMMACHER, SCHLEMMER & CO.,

209 Bowery, New York, since 1848.